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OF THE

PROVINCE OF ONTARIO

SESSION 1937

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1938

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MINISTER OF AGRICULTURE

AGRICULTURE (STATISTICS)

T. AND N. O. RAILWAY

ONTARIO MUNICIPAL BOARD

BY-ELECTION

REPORT

RELATING TO THE REGISTRATION OF

BIRTHS, MARRIAGES AND DEATHS

IN THE

PROVINCE OF ONTARIO

FOR THE

YEAR ENDING 31st DECEMBER

1936

(BEING THE SIXTY-SEVENTH ANNUAL REPORT)

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO

SESSIONAL PAPER No. 13, 1937

ONTARIO

TORONTO
Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1938

To His Honour the Lieutenant-Governor of the Province of Ontario.

May It Please Your Honour:

I herewith beg to present for your consideration the Sixty-Seventh Annual Report of the Registrar-General, relating to the Registration of Births, Marriages and Deaths in the Province of Ontario during the year 1936.

Respectfully submitted,

H. C. NIXON,

Registrar-General of Ontario.

SIR:

I have the honour to submit for your approval the Sixty-Seventh Annual Report made in conformity with and under the provisions of the Act respecting the Registration of Births, Marriages and Deaths in the Province of Ontario, for the year ending December 31st, 1936.

I have the honour to be, Sir,

Your obedient servant,

F. V. JOHNS,
Deputy Registrar-General.

TO THE HON. H. C. NIXON,
Registrar-General of Ontario.

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REPORT UPON

Births, Marriages and Deaths

For the Year 1936

BEING THE SIXTY-SEVENTH ANNUAL REPORT OF THE REGISTRAR-GENERAL

ESTIMATED POPULATION, 1936

	Males	Females	Totals
Totals	**1,880,424**	**1,809,576**	**3,690,000**
Under 1	31,930	30,853	62,783
1	32,042	31,288	63,330
2	34,280	33,242	67,522
3	34,694	34,056	68,750
4	34,919	33,531	68,450
Totals under 5 years	**167,865**	**162,970**	**330,835**
5– 9	181,424	176,579	358,003
10–14	173,789	168,435	342,224
15–19	175,594	167,295	342,889
20–24	158,783	154,321	313,104
25–29	146,128	138,487	284,615
30–34	138,436	132,678	271,114
35–39	135,165	130,054	265,219
40–44	126,853	118,907	245,760
45–49	116,135	105,517	221,652
50–54	98,459	92,541	191,000
55–59	75,555	71,858	147,413
60–64	62,092	61,489	123,581
65–69	49,681	50,000	99,681
70–74	38,022	38,942	76,964
75–79	21,193	21,805	42,998
80–84	9,985	11,256	21,241
85–89	3,648	4,560	8,208
90 and over	1,053	1,502	2,555
Not stated	564	380	944

The population is distributed as follows:—

City municipalities, 1,626,089; Towns (over 5,000 population), 189,834; Rural (including all other municipalities), 1,874,077.

BIRTHS

There were registered 62,451 living births during the year 1936, being a rate of 16.9 per 1,000 of population. This being an numerical decrease of 618.

BIRTHS

There were 32,124 boys, or 51.4% of the total number; and 30,327 girls, or 48.5% which represents 94.4 male to 100 female births.

NUMBER OF BIRTHS AND RATE PER 1,000 OF POPULATION

	1936		1935	
	Number	Ratio	Number	Ratio
Province	62,451	16.9	63,069	17.5
Cities	32,425	19.9	31,700	19.9
Towns	4,044	21.3	3,943	20.4
Rural	25,982	13.8	27,426	15.1

NUMBER OF BIRTHS AND RATE FOR 10 YEARS

Year	Number	Ratio	Year	Number	Ratio
1927	67,671	20.9	1932	66,842	19.2
1928	68,510	20.9	1933	63,646	18.1
1929	68,458	20.5	1934	62,234	17.5
1930	71,263	21.0	1935	63,069	17.5
1931	69,209	20.2	1936	62,451	16.9

STILL BIRTHS

Year	Registered as Births	Ratio per 1,000 Total Births	Year	Registered as Births	Ratio per 1,000 Total Births
1917	1,425	22.2	1927	2,758	39.5
1918	2,198	32.9	1928	2,793	39.2
1919	2,091	32.2	1929	2,730	38.8
1920	2,495	33.3	1930	2,713	36.6
1921	3,234	41.7	1931	2,652	36.9
1922	3,015	40.5	1932	2,377	34.3
1923	3,028	41.4	1933	2,161	32.7
1924	2,594	34.9	1934	2,091	32.5
1925	2,780	38.1	1935	2,140	32.7
1926	2,812	39.9	1936	2,034	31.5

BIRTHS

AGE OF MOTHER

Year	12	13	14	15	16	17	18	19	20	21	22	23	24	25	12–25	Others
1927	1	2	20	87	280	685	1452	2070	2503	3100	3551	3623	3777	3715	24879	42792
1928	..	4	19	100	293	773	1472	2189	2767	3165	3547	3765	3987	3777	25861	42649
1929	2	3	29	103	321	766	1586	2270	2890	3283	3749	3806	3974	3897	26677	41781
1930	..	5	33	101	349	835	1636	2498	3042	3441	4004	4129	4176	4010	28262	43001
1931	2	6	24	104	361	847	1720	2457	2937	3401	3820	3984	4118	4017	27800	41409
1932	..	3	12	106	308	783	1647	2400	2946	3422	3596	3787	4058	3850	26909	39933
1933	..	5	24	97	318	750	1661	2334	2843	3220	3421	3631	3765	3791	25350	38296
1934	..	5	16	79	288	709	1476	2276	2783	3221	3471	3484	3688	3507	25003	37231
1935	..	3	17	103	312	710	1497	2270	2842	3366	3499	3738	3732	3757	25846	37223
1936	..	5	25	104	294	691	1497	2269	2946	3391	3629	3682	3745	3666	25944	36507
Total	5	41	219	1008	3124	7549	15639	22933	28499	33010	36287	37629	39120	37987	261531	400822

41.7% of living births were of mothers under 25 years of age and 58.4% of mothers 25 years and over.

ILLEGITIMATE BIRTHS

Rate per 1,000 living Births

1905.....13.8	1913.....21.6	1921.....21.5	1929.....34.6
1906.....10.4	1914.....22.1	1922.....21.2	1930.....37.2
1907.....14.8	1915.....21.9	1923.....22.5	1931.....40.0
1908.....14.9	1916.....20.9	1924.....24.0	1932.....42.3
1909.....13.9	1917.....19.5	1925.....26.8	1933..... ....43.8
1910.....19.3	1918.....21.0	1926.....26.9	1934..... ....40.2
1911.....19.4	1919.....19.8	1927..... 29.0	1935.....41.8
1912.....21.3	1920.....20.5	1928.....31.7	1936.....44.6

ILLEGITIMATE BIRTHS

By Ages of Mothers

Year	12	13	14	15	16	17	18	19	20	21	22	23	24	25	12–25	Over 25	Total	Rate
1927..	1	2	13	55	106	190	229	200	194	167	147	106	75	62	1547	411	1958	29.0
1928..	..	4	16	56	119	197	233	233	216	173	157	136	86	73	1699	471	2170	31.7
1929..	2	3	25	60	125	193	256	268	227	202	164	138	114	83	1860	516	2376	34.6
1930..	..	5	27	72	146	198	249	294	293	200	207	143	145	97	2076	575	2651	37.2
1931..	2	6	21	71	152	235	292	313	233	229	202	171	137	90	2154	619	2773	40.0
1932..	..	3	10	53	124	212	310	320	286	257	172	165	151	103	2166	668	2834	42.5
1933..	..	4	17	52	144	209	314	331	268	256	200	144	128	97	2164	622	2786	43.8
1934..	..	5	12	38	96	190	226	272	251	233	198	139	123	104	1887	613	2500	40.2
1935..	..	3	16	49	123	186	248	278	259	265	187	184	139	103	2040	602	2642	41.8
1936..	..	5	24	60	107	179	261	298	271	266	225	179	153	121	2149	639	2788	44.6
Total.	5	40	181	566	1242	1989	2618	2807	2498	2248	1859	1505	1251	933	19742	5736	25478	.....

In the case of illegitimate births 77.0% of the mothers were under 25 years of age and of the total 2,788 such births, 1,446 or 51.8% were boys and 1,342 or 48.1% girls.

MULTIPLE BIRTHS

There were 680 cases of twin births. Of these 710 were males and 650 females.

There were 8 cases of triplets, 13 boys and 11 girls.

Table 15 will give a detailed explanation of the multiple births.

CONFINEMENTS

Multiple births	688
Single living births	61,154
Single still births	1,947
	63,789

Other tables dealing with births will be found from Table No. 1 to Table No. 15.

MARRIAGES

NUMBER AND RATE PER 1,000 OF POPULATION

	1936		1935	
	Number	Ratio	Number	Ratio
Province	27,734	7.5	26,843	7.5
Cities	16,255	9.9	15,647	9.8
Towns	1,877	9.8	1,742	9.0
Rural	9,602	5.1	9,454	5.2

NUMBER AND RATIO PER 1000 POPULATION FOR 10 YEARS

Year	Marriages	Ratio	Year	Marriages	Ratio
1927	24,677	7.6	1932	22,224	6.4
1928	25,728	7.8	1933	22,587	6.4
1929	27,605	8.3	1934	25,874	7.3
1930	25,605	7.6	1935	26,843	7.5
1931	23,771	6.9	1936	27,734	7.5

The tables dealing with marriages from various angles are numbered 16 to 22.

DIVORCES—YEARS AT MARRIED LIFE

Years Married	1932	1933	1934	1935	1936	Years Married	1932	1933	1934	1935	1936
1	..	..	3	6	4	23	4	1	4	6	8
2	10	7	7	8	15	24	2	5	4	7	2
3	9	8	9	6	15	25	5	1	4	3	7
4	14	14	13	16	33	26	5	3	4	6	4
5	17	17	16	33	30	27	2	6	5	4	6
6	17	22	23	42	35	28	3	3	1	5	3
7	19	17	21	38	30	29	2	1	1	2	3
8	19	23	28	33	31	30	1	..	1	3	2
9	22	16	23	24	36	31	3	..	..	2	3
10	20	16	34	23	34	32	1	..	1	2	1
11	21	14	19	37	27	33	1	1	3	1	..
12	22	21	16	26	26	34	1	1	..	..	..
13	17	20	12	26	20	35	..	..	..	..	1
14	12	12	21	22	22	36	..	..	..	..	1
15	14	12	16	19	29	37	..	..	..	1	1
16	16	10	14	21	21	38	..	..	..	1	..
17	16	13	13	8	21	39	..	..	..	..	..
18	30	9	14	10	9	40	..	..	..	..	..
19	7	10	11	11	11	41	..	..	1	..	..
20	7	13	5	14	9						
21	6	10	11	9	4						
22	7	2	7	4	10	Total...	343	308	365	491	514

174 divorces were granted to men and 340 to women.

The above figures are compiled from information sent to the Registrar-General by the Registrars of the Supreme Courts of Ontario.

DEATHS

	1935		1936	
	Number	Ratio	Number	Ratio
Province	37,571	10.2	36,317	10.1
Cities	18,964	11.6	17,903	11.2
Towns	2,412	12.7	2,360	12.2
Rural	16,195	8.6	16,054	8.8

DEATHS AND RATE PER 1,000 OF POPULATION FOR 10 YEARS

Year	Deaths	Ratio	Year	Deaths	Ratio
1927	34,775	10.7	1932	36,469	10.5
1928	37,128	11.3	1933	35,301	10.0
1929	38,123	11.4	1934	35,119	9.9
1930	37,313	11.0	1935	36,317	10.1
1931	35,705	10.4	1936	37,571	10.2

TEN HIGHEST CAUSES OF DEATH IN EACH YEAR PER 100,000 OF POPULATION

	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936
Organic heart disease	5,295	5,609	5,891	5,634	5,818	6,679	6,619	7,066	7,053	7,053
	164.6	171.0	176.7	166.1	169.2	192.1	187.6	198.3	196.1	191.1
Pneumonia (all forms)	2,447	2,736	2,402	2,279	2,305	2,388	2,175	2,145	2,417	2,520
	76.1	83.4	78.1	67.3	67.1	68.7	61.7	60.2	67.2	68.2
Influenza	959	1,711	2,394	854	1,084	1,544	1,240	580	958	722
	29.8	52.1	71.9	25.2	31.6	44.4	35.1	16.3	26.6	19.5
Tuberculosis	1,803	1,832	1,703	1,791	1,728	1,604	1,465	1,337	1,303	1,327
	55.1	55.9	51.1	52.8	50.4	46.1	41.4	37.5	36.2	35.9
Cancer	3,177	3,441	3,402	3,635	3,726	3,825	4,044	4,034	4,214	4,441
	98.5	104.9	102.1	107.2	108.6	110.0	114.7	113.2	117.2	120.2
Violent or accidental deaths	2,315	2,638	2,706	2,774	*2,819	2,571	2,278	2,535	2,672	3,294
	71.9	80.4	81.2	81.8	82.1	73.9	64.6	71.1	74.2	89.4
Cerebral hemorrhage, cerebral embolism and thrombosis	1,329	1,395	1,319	1,219	1,268	1,259	1,262	1,229	1,025	839
	41.3	42.5	39.6	36.0	37.0	36.2	35.8	34.5	28.5	22.7
Diseases of the arteries	2,738	3,111	3,270	3,628	3,165	3,559	3,574	3,793	4,109	4,621
	85.0	94.8	98.2	107.1	92.2	102.4	101.4	106.4	114.2	125.2
Infantile diarrhoea	573	643	740	943	821	483	571	509	310	362
	17.8	19.7	22.2	27.8	23.9	13.9	16.2	14.3	8.6	9.8
Nephritis	1,629	1,743	1,760	1,759	1,341	1,810	1,754	1,700	1,848	1,892
	50.6	53.1	52.8	51.9	39.0	52.1	49.7	47.7	51.4	51.2
Diabetes	.....	.....	.....	.....	.....	.....	.....	.....	524	566
									14.5	15.3

*Revised.

COMMUNICABLE DISEASES

	1927		1928		1929		1930		1931		1932		1933		1934		1935		1936	
Typhoid fever	109	3.4	78	2.4	97	2.9	78	2.3	99	2.9	58	1.6	51	1.5	49	1.4	39	1.0	40	1.0
Smallpox	3	0.0	2	0.0	1	0.0	1	0.0	1	0.0			1	0.0	...	...	...	...	...	...
Measles	82	2.5	62	1.9	143	4.3	95	2.8	29	0.8	118	3.3	37	1.0	5	0.1	89	2.5	84	2.3
Scarlet fever	87	2.7	67	2.0	74	2.2	111	3.3	54	1.5	40	1.1	43	1.2	18	1.4	57	1.6	79	2.1
Whooping cough	181	5.6	175	5.4	194	5.9	180	5.4	174	5.0	132	3.7	119	3.3	178	4.7	114	3.1	112	3.0
Diphtheria	297	9.3	213	6.5	262	8.0	202	6.1	157	4.5	89	2.5	40	1.1	23	0.6	33	0.9	31	0.9
Influenza	959	30.0	1711	52.9	2394	73.2	854	25.7	1084	31.6	1544	44.4	1240	35.1	580	16.2	958	26.6	722	19.5
Poliomyelitis	21	0.6	34	1.0	46	1.4	92	2.7	28	0.8	24	0.6	15	0.4	39	1.9	14	.03	23	0.6

TUBERCULOSIS

The following Table showing deaths and rates over a fifty year period is shown for comparison and indicates the effectiveness of effort to wipe out this disease.

Year	Number	Rate	Year	Number	Rate
1886	2,573	127.4	1916	2,559	93.7
1896	2,922	136.0	1926	1,835	58.3
1906	2,911	123.7	1936	1,327	35.9

Deaths in Ontario from Tuberculosis by Ages, 1927-1936

Year	Total	Ratio per 100,000	Under 5 years					5-9	10-14	15-19	20-29	30-39	40-49	50-59	60-69	70-79	80 and over	Not stated	Total deaths from all causes.
			0–1	1	2	3	4												
1927	1,803	55.1	30	27	13	7	11	37	59	171	417	365	279	160	127	72	15	13	34,775
1928	1,832	55.9	29	22	7	15	9	42	61	154	465	338	278	208	125	59	13	7	37,128
1929	1,703	51.1	31	37	15	12	9	42	46	164	415	306	261	157	131	66	9	2	38,123
1930	1,791	52.8	39	30	10	16	7	55	55	159	463	312	238	182	140	72	13	...	37,313
1931	1,728	50.4	25	33	11	16	5	33	46	132	458	337	228	178	134	75	15	2	35,705
1932	1,604	46.1	26	22	14	8	6	32	32	130	387	290	218	212	132	79	16	...	36,469
1933	1,465	41.5	23	28	15	10	10	30	32	101	375	259	223	168	111	68	11	1	35,301
1934	1,337	37.5	14	13	8	14	5	29	23	93	307	260	202	149	135	73	11	1	35,119
1935	1,303	36.2	15	17	12	13	5	25	36	88	264	230	205	186	114	70	12	1	36,317
1936	1,327	35.9	12	24	14	11	5	37	28	93	285	241	202	168	129	65	13	...	37,571

TUBERCULOSIS

Number of Deaths in each Age Group and Rate per 100,000 Population

	1931				1932				1933				1934				1935				1936			
	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate
Under 1 yr.	16	57.2	9	31.4	14	46.5	12	41.4	13	42.5	10	34.0	6	19.4	8	26.7	11	35.3	4	13.3	11	34.4	1	3.2
1 "	20	67.1	13	44.7	14	46.2	8	27.1	18	58.6	10	33.4	6	19.3	7	23.2	10	31.9	7	22.9	17	53.0	7	22.3
2 yrs.	4	12.6	7	22.6	7	21.7	7	22.3	9	27.5	6	18.8	5	15.1	3	9.3	2	5.9	10	30.8	7	20.4	7	21.0
3 "	7	21.7	9	28.4	4	12.2	4	12.4	7	21.1	3	9.2	7	20.9	7	21.3	8	23.7	5	15.0	10	28.8	1	2.9
4 "	2	6.0	3	9.6	4	12.2	2	6.3	8	23.9	2	6.2	4	11.8	1	3.0	3	8.8	2	6.1	3	8.5	2	5.9
5 to 9 "	13	7.6	20	12.1	10	5.8	22	13.2	16	9.2	14	8.3	14	7.9	15	8.7	16	9.0	19	11.0	24	13.3	13	7.3
10 " 14 "	19	11.6	27	17.1	12	7.3	20	12.6	13	7.8	19	11.8	10	5.9	13	7.9	20	11.8	16	9.7	13	7.4	15	8.9
15 " 19 "	49	30.0	83	53.3	51	30.8	79	50.1	36	21.4	65	40.7	27	15.9	66	40.8	35	30.4	53	32.5	37	21.0	56	33.3
20 " 24 "	84	56.9	147	102.3	77	51.5	113	77.8	73	48.1	119	80.6	62	40.4	85	57.0	46	29.7	87	57.7	60	37.8	86	55.7
25 " 29 "	112	82.4	115	89.2	94	68.3	103	79.0	70	50.1	113	85.5	79	56.0	81	60.6	53	37.3	78	57.8	57	39.0	82	59.2
30 " 34 "	101	78.4	86	69.7	93	71.3	76	60.8	70	52.9	62	48.8	67	50.1	74	57.8	61	45.2	62	47.9	60	43.3	60	45.2
35 " 39 "	68	54.0	82	67.8	80	62.8	41	33.4	172	55.7	55	44.2	78	59.7	41	32.6	60	45.5	47	37.0	76	56.2	45	34.6
40 " 44 "	75	63.6	46	41.6	78	65.3	48	42.8	60	49.5	46	40.5	64	52.2	36	31.3	85	68.7	43	37.1	64	50.4	35	29.4
45 " 49 "	77	71.2	30	30 5	55	50.2	37	37.3	67	60.4	50	49.6	63	56.1	39	31.4	50	44.1	27	26.2	64	55.1	39	36.9
50 " 59 "	121	74.7	57	37.3	133	81.1	79	51.1	09	65.6	59	37.5	101	60.1	48	28.5	126	113.8	60	37.4	123	70.6	45	27.3
60 " 69 "	72	69.2	62	59.8	75	71.2	57	54.3	62	58.1	49	46.0	85	78.8	50	46.3	75	68.9	39	35.8	80	71.6	49	43.9
70 " 79 "	46	83.5	29	51.3	39	69.9	40	103.8	32	56.5	36	61.7	39	68.1	34	59.4	40	69.3	30	50.4	38	64.1	27	44.4
80 yrs. and over...	6	43.9	9	55.7	5	36.6	11	65.9	6	42.8	5	30.0	2	14.1	9	63.5	6	41.9	6	35.3	5	32.7	8	45.2
Not stated.	2	....	...	.....	...	.....	...	.....	...	....	1	....	1	.....	...	....	1	.....	...	....	...	.....	...	....
Total.....	894	51.1	834	49.1	845	47.7	759	44.5	741	41.2	724	41.8	720	39.6	617	35.3	708	38.6	595	33.7	749	39.8	578	31.9

DEATHS FROM TUBERCULOSIS, 1936

"Place of Occurrence" and "Place of Residence" Compared

Counties (Exclusive of Cities and Towns of 5,000 and over.)	Place of Occurrence		Place of Residence	
	Number	Rate	Number	Rate
Addington	1	13.5	2	27.0
Algoma	14	52.7	21	79.0
Brant	11	42.1	10	38.2
Bruce	7	15.3	13	28.5
Carleton	3	8.8	7	20.5
Cochrane	13	31.3	30	72.2
Dufferin	1	6.2	1	6.2
Dundas	5	28.8	7	40.4
Durham	9	32.4	11	39.6
Elgin	4	13.0	5	16.3
Essex	5	8.2	12	19.8
Frontenac	6	24.1	8	32.2
Glengarry	7	34.8	13	64.7
Grenville	9	51.2	10	56.9
Grey	7	14.3	10	20.4
Haldimand	4	17.3	6	26.0
Haliburton	..	....	2	31.0
Halton	3	10.5	9	31.5
Hastings	13	30.8	18	42.7
Huron	4	8.2	10	20.5
Kenora	24	155.7	29	188.1
Kent	7	13.6	15	29.1
Lambton	14	34.5	21	51.7
Lanark	5	18.0	11	39.7
Leeds	10	35.8	14	50.1
Lennox	1	7.7	4	31.0
Lincoln	21	67.1	9	28.7
Manitoulin	15	129.9	15	129.9
Middlesex	92	180.7	28	55.0
Muskoka	75	332.4	11	48.7
Nipissing	9	31.0	12	41.3
Norfolk	2	7.1	3	10.6
Northumberland	4	14.2	7	24.9
Ontario	4	11.7	10	29.3
Oxford	4	11.3	7	19.8
Parry Sound	8	28.7	17	61.0
Peel	2	8.0	4	16.1
Perth	1	2.6	3	7.9
Peterborough	4	16.5	4	16.5
Prescott	14	68.2	18	87.7
Prince Edward	3	16.7	3	16.7
Rainy River	4	30.4	4	30.4
Renfrew	6	14.8	9	22.2
Russell	11	55.3	13	65.4
Simcoe	14	23.0	24	39.5
Stormont	4	17.9	7	31.4
Sudbury	8	20.9	18	47.1
Thunder Bay	5	19.8	17	67.4
Temiskaming	31	79.8	12	30.9
Victoria	4	19.4	4	19.4
Waterloo	16	45.6	7	19.9
Welland	4	8.3	10	20.7
Wellington	6	14.6	9	21.9
Wentworth	92	180.5	12	23.5
York	136	56.1	48	19.8
Outside of Ontario	..	....	4	....

Cities and Towns of 5,000 and over.	Place of Occurrence		Place of Residence	
	Number	Rate	Number	Rate
Barrie	4	49.3	3	36.8
Belleville	1	6.8	2	13.7
Brampton	..	....	..	....
Brantford	10	31.8	10	31.8
Brockville	6	60.5	4	40.3
Chatham	5	30.8	8	49.3
Cobourg	3	52.1	3	52.1
Collingwood	2	36.3	1	18.1
Cornwall	17	134.0	14	110.4
Eastview	2	29.1	4	58.3
Forest Hill	..	....	1	10.9
Fort Erie	2	36.0	2	36.0
Fort Francis	1	18.1	1	18.1
Fort William	25	102.1	10	40.8
Galt	1	7.0	3	21.2
Guelph	4	18.6	6	27.9
Hamilton	16	10.4	48	31.3
Hawkesbury	3	50.6	5	84.4
Ingersoll	2	38.7	2	38.7
Kenora	5	61.1	4	48.8
Kingston	24	98.4	13	53.3
Kirkland Lake	5	23.8	2	9.5
Kitchener	5	15.2	6	18.2
Leamington	1	19.6	4	78.4
Lindsay	4	55.4	4	55.4
London	15	19.6	21	27.5
Midland	2	29.2	1	14.6
Mimico	..	....	1	14.4
New Toronto	29	401.2	2	29.0
Niagara Falls	2	10.7	6	32.3
North Bay	4	26.1	3	19.6
Orillia	1	11.3	1	11.3
Oshawa	7	28.3	12	48.6
Ottawa	92	64.8	71	50.0
Owen Sound	2	15.2	2	15.2
Pembroke	5	48.4	5	48.4
Peterborough	3	13.0	6	26.0
Port Arthur	8	39.3	13	63.8
Port Colborne	1	16.1	2	32.2
Preston	2	31.7	2	31.7
Renfrew	1	18.6	3	55.9
Riverside	..	....	..	....
St. Catharines	3	11.1	5	18.5
St. Thomas	5	31.0	8	49.6
Sarnia	9	49.3	8	43.8
Sault Ste. Marie	7	29.9	9	38.4
Simcoe	1	17.8	2	35.6
Smith's Falls	3	39.3	2	26.2
Stratford	1	5.6	4	22.7
Sudbury	11	45.0	13	53.1
Swansea	1	18.1	2	36.3
Timmins	4	19.1	13	62.3
Toronto	139	21.5	260	40.2
Trenton	..	....	..	....
Waterloo	3	36.2	4	48.3
Welland	1	9.4	2	18.9
Weston	1	19.7	..	....
Whitby	..	....	1	18.5
Windsor	28	27.6	24	23.6
Woodstock	2	18.1	3	27.1
From outside Ontario	..	....	8	....

CANCER

The following Table shows how deaths and the death rate from Cancer have increased in the last half century:

1886	440— 21.8
1896	731— 34.0
1906	1,411— 60.0
1916	2,012— 73.8
1926	3,116— 99.0
1936	4,441—120.3

CANCER

NUMBER OF DEATHS AND RATE PER 100,000 POPULATION BY AGE GROUPS

	1932				1933				1934				1935				1936			
	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate
Under 5 yrs.	7	4.4	5	3.2	10	6.2	10	6.4	9	5.5	5	3.1	4	2.4	5	3.0	10	5.9	6	3.6
5 to 9 yrs.	3	1.7	1	0.6	8	4.6	3	1.7	3	1.7	3	1.7	6	3.4	4	2.3	2	1.1	2	1.1
10 " 14 "	2	1.2	2	1.2	7	4.2	5	3.0	3	1.7	3	1.8	3	1.7	6	3.6	5	2.8	1	0.5
15 " 19 "	12	7.4	5	3.1	6	3.5	3	1.8	4	2.3	4	2.4	7	4.1	5	3.0	6	3.4	5	2.9
20 " 24 "	10	6.1	6	4.1	7	4.6	8	5.4	12	7.8	7	4.6	11	7.1	6	3.9	4	2.5	13	8.4
25 " 29 "	11	7.9	13	9.9	9	6.4	20	15.1	10	7.0	18	13.4	8	5.6	22	16.3	9	6.1	10	7.2
30 " 34 "	15	11.5	32	25.6	15	11.3	28	22.0	25	18.7	32	24.9	22	16.3	45	34.7	19	13.7	31	23.3
35 " 39 "	44	34.5	59	48.1	36	27.8	69	55.5	20	15.3	64	50.9	41	31.1	64	50.5	31	22.9	66	50.7
40 " 44 "	64	53.6	106	94.6	50	41.2	103	90.7	54	44.0	108	94.1	39	31.5	109	94.2	55	43.3	124	104.2
45 " 49 "	86	78.6	149	160.4	93	83 8	176	174.5	82	73.0	143	140.4	103	91.9	163	158.5	83	71.4	173	163.9
50 " 54 "	136	146.4	207	239.2	132	140.4	216	243.6	142	149.4	234	261.5	145	151.2	229	253.1	162	164.4	222	239.8
55 " 59 "	170	238.7	253	373.0	174	241.0	227	331.7	188	257.5	229	310.1	201	272.8	257	368.0	202	277.3	262	364.5
60 " 64 "	236	402.6	252	435.9	237	399.8	275	467.6	254	423.9	280	471.3	269	444.8	268	446.6	238	383.2	302	491.1
65 " 69 "	283	605.3	286	607.4	318	670 6	294	615.9	296	617.5	263	545.3	294	607.7	294	603.4	326	656.1	320	640.0
70 " 74 "	280	782.7	264	716.3	325	896.0	321	858.8	326	889.0	321	854.6	293	791.5	323	846.7	338	888.9	306	766.1
75 " 79 "	236	1179.4	197	954.3	231	1138.4	218	1041.4	255	1243.2	226	1068.9	275	1328.4	242	1132.9	295	1392.9	300	1376.1
80 " 84 "	107	1139.9	123	1143.0	134	1407.1	143	1319.4	140	1456.6	130	1200.3	175	1801.1	135	1112.7	182	1822.2	162	1439.9
85 " 89 "	63	1872.1	67	1565.3	52	1524.0	50	1151.8	44	1275.3	59	1298.6	48	1378.4	71	1602.9	63	1726.9	68	1491.1
90 " +....	12	1354.4	19	1154.3	15	1392.7	15	1079.1	18	1652.8	20	1430.6	8	1454.5	14	988.0	20	1897.5	18	1198.4
Not stated.	1	.....	1	.....	....	.....	1	.....	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....
Total.....	1778	100.4	2047	120.1	1859	103.5	2185	126.4	1885	103.8	2149	122.8	1952	106.5	2262	128.3	2050	109.0	2391	132.1

CANCER

Table showing the distribution of deaths from various types according to class and rates per 100,000 of population as follows:

	1927		1928		1929		1930		1931		1932		1933		1934		1935		1936	
Buccal cavity...	141	4.4	132	4.1	155	4.7	124	3.7	183	5.3	155	4.4	192	5.4	172	4.8	167	4.6	131	3.5
Stomach.....	1115	34.9	1205	37.3	1139	34.8	1200	36.2	1889	55.0	1979	56.9	2063	58.5	2092	59.7	2123	59.0	2250	59.7
Peritoneum....	526	16.5	605	18.7	627	19.2	629	18.9												
Female genital organs.....	348	10.9	337	10.4	355	10.8	400	12.3	367	10.7	398	11.4	439	12.4	490	13.7	471	13.0	471	12.7
Breast.....	310	9.8	344	10.7	333	10.2	415	12.5	389	11.3	415	11.9	407	11.5	401	11.2	424	11.7	525	14.2
Skin.....	75	2.3	72	2.2	75	2.3	87	2.6	104	3.0	85	2.4	72	2.0	84	2.3	87	2.4	99	2.6
Other or Unspecified.....	622	20.8	746	23.1	718	22.0	780	23.5	794	23.1	793	22.8	871	24.7	795	22.3	941	26.1	965	26.1
Total.....	3177	98.5	3441	104.9	3402	102.1	3635	107.2	3726	108.6	3825	110.0	4044	114.7	4034	113.2	4214	117.1	4441	120.3

CANCER

Rates per 100,000 of population

	1932		1933		1934		1935		1936	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Buccal cavity	155	4 4	192	5.4	172	4.8	167	4 6	131	3.5
Digestive tract	1,979	56 9	2,063	58 5	2,092	59 7	2,123	59 0	2,250	59.7
Respiratory organs	133	3.8	146	4.1	114	3.1	156	4 3	170	4.6
Uterus	321	9.2	325	9.2	374	10.4	353	9.8	343	9.2
Female genital organs	77	2.2	114	3.2	116	3.2	118	3 2	128	3.4
Breast	415	11.9	407	11.5	401	11.2	424	11.7	525	14.2
Male genito-urinary organs	298	8.5	324	9.1	320	8.9	369	10.2	408	11.0
Skin	85	2 4	72	2 0	84	2.3	87	2.4	99	2.6
Not specified organs	362	10.4	401	11.3	361	10.1	417	11.5	387	10.4
Total	3,825	110 0	4,044	114.7	4,034	113.2	4,214	117.1	4,441	120.3

CANCER

Rates per 100,000 of population

	1932				1933				1934			
	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate
Buccal cavity	129	7 2	26	1 5	158	8 8	34	1 9	146	8 0	26	1 4
Digestive tract	1,038	58 6	941	55 2	1,068	58 4	995	57 5	1,121	61 7	971	55 5
Respiratory organs	91	5 1	42	2 4	94	5 8	52	3 0	72	3 9	42	2 4
Uterus	.....	.....	321	18 8	.....	.....	325	18 8	.....	.....	374	21 4
Female genital organs	.....	.....	77	4 5	.....	.....	114	6 5	.....	.....	116	6 6
Breast	6	0 3	409	24 0	5	0 2	402	23 2	5	0 2	396	22 6
Male genito-urinary organs	298	16 8	.....	.....	324	18 0	.....	.....	320	17 6	.....	.....
Skin	54	3 0	31	1 8	44	2 4	28	1 6	56	3 0	28	1 6
Not specified organs	162	9 1	200	11 7	166	9 2	235	13 5	165	9 0	196	11 2
Total	1,778	100 4	2,047	120 1	1,859	103 5	2,185	126 4	1,885	103 8	2,149	123 0

CANCER

Rates per 100,000 of population

	1935				1936			
	Male	Rate	Female	Rate	Male	Rate	Female	Rate
Buccal cavity	132	7 2	35	1 9	109	5 7	22	1 2
Digestive tract	1,119	61 0	1,004	56 9	1,181	62 8	1,069	59 0
Respiratory organs	112	6 1	44	2 4	107	5 6	63	3 4
Uterus	.....	.....	353	20 0	.....	.....	343	17 9
Female genital organs	.....	.....	118	6 6	.....	.....	128	7 0
Breast	6	0 3	418	23 7	8	0 4	517	28 5
Male genito-urinary organs	369	20 1	.....	.....	408	21 7	.....	.....
Skin	51	2 7	36	2 0	66	3 5	33	1 8
Not specified organs	163	8 8	254	14 4	171	9 0	216	11 9
Total	1,952	106 5	2,262	128 3	2,050	109 0	2,391	132 1

CANCER

The following table shows the difference in rates for the years 1916, 1926 and 1936:

	1916		1926		1936	
	No. of Deaths	Rate	No. of Deaths	Rate	No. of Deaths	Rate
Total	2,012	72.4	3,116	99.0	4,441	120.3
Buccal cavity	73	2.6	134	4.2	131	3.5
Stomach and liver	659	23.7	1,111	35.3	2,250	59.7
Peritoneum and intestines	258	9.2	513	16.3		
Female genital organs	149	5.3	353	11.2	471	12.7
Breast	136	4.8	307	9.7	525	14.2
Skin	46	1.6	88	2.8	99	2.6
Other organs	691	24.8	610	19.3	965	26.1

DEATH RATES BY AGE GROUPS PER 100,000 POPULATION FROM CANCER

	1931-1935		1936	
	No. of Deaths	Rate	No. of Deaths	Rate
Under 30	430	4.5	73	3.7
30–39	738	28.8	147	27.4
40–49	2,066	92.7	435	93.0
50–59	3,858	239.3	848	250.5
60–69	5,395	502.3	1,186	531.3
70–79	5,325	929.6	1,239	1,032.3
80 and over	1,931	1,226.7	513	1,557.3

INFANT MORTALITY

Deaths of Children Under One Year—Stated Causes of Death

(A) Total Deaths

	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	Mean
Total	4,812	4,880	5,204	5,260	4,833	4,133	3,804	3,523	3,515	3,416	4,338.0
1. Whooping cough	121	114	121	127	117	86	84	122	95	78	106.5
2. Influenza	96	144	208	85	130	102	108	49	88	72	108.2
3. Convulsions	84	89	64	57	55	39	32	34	29	32	51.5
4. Respiratory diseases	510	588	576	595	557	485	419	411	409	426	497.6
5. Diseases of digestive tract	564	690	795	989	815	509	544	507	337	381	613.1
6. Malformations	439	430	459	454	463	481	455	410	415	434	444.0
7. Congenital weakness	2,414	2,323	2,460	2,403	2,276	2,051	1,813	1,660	1,801	1,637	2,083.8
8. All others	584	502	521	550	420	380	349	330	341	356	433.3

(B) Rate Per 1,000 Living Births

	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	Mean
Total	71.0	71.2	76.0	73.7	71.0	61.0	59.6	56.6	55.7	54.4	64.5
1. Whooping cough	1.8	1.7	1.8	1.8	1.6	1.2	1.3	1.9	1.5	1.2	1.5
2. Influenza	1.4	2.1	3.0	1.2	1 8	1.3	1.7	0.7	1.4	1.1	1.5
3. Convulsions	1.2	1.3	0.9	0.8	0.7	0.5	0.5	0.5	0.4	0.5	0.7
4. Respiratory diseases	7.5	8.6	8.4	8.3	8.0	7.2	6.5	6.6	6.4	6.8	7.4
5. Diseases of digestive tract	8.3	10.0	11.6	13.8	11.7	7.5	8.5	8.1	5.3	6.1	9.0
6. Malformations	6.5	6.3	6.7	6.4	8.4	7.1	7.1	6.6	6.6	6.9	6.8
7. Congenital weakness	35.7	33.9	35.9	33.7	32.8	30.6	28.5	26.9	28.6	26.2	31.2
8. All others	8.6	7.3	7.7	7.7	6.0	5.6	5.5	5.3	5.5	5.6	6 4

Of these infant deaths:

818 or 23.94 per cent. lived less than one day.
735 or 21.51 per cent. lived less than one week.
382 or 11.17 per cent. lived less than one month.
520 or 15.22 per cent. lived less than three months.
462 or 13.52 per cent. lived less than six months.
301 or 8.81 per cent. lived less than nine months.
198 or 5.79 per cent. lived less than one year.

INFANT MORTALITY IN CITIES AND TOWNS OF 10,000 AND OVER. ONTARIO, 1932-1936.

Cities	Deaths Under 1 Year					Rate per 1000 Live Births				
	1932	1933	1934	1935	1936	1932	1933	1934	1935	1936
Belleville	18	19	17	25	31	49.3	54.4	46.3	63.3	72.0
Brantford	32	40	26	35	31	49.9	63.5	45.2	58.0	46.5
Chatham	32	31	26	35	28	69.4	66.2	51.4	66.2	48.4
Cornwall	35	25	53	32	50	77.4	53.7	122.1	53.3	88.8
East Windsor	13	9	.....	.....	.....	45.2	30.4	.....	.....	.....
Fort William	36	25	20	29	27	38.8	46.7	42.2	54.6	55.6
Galt	12	17	16	16	10	38.8	60.3	55.3	57.5	37.4
Guelph	20	20	17	16	11	54.6	56.1	51.9	46.9	36.7
Hamilton	192	163	148	135	115	61.7	56.9	54.2	48.8	41.6
Kingston	48	31	37	29	46	72.9	45.2	61.0	42.2	68.2
Kitchener	33	31	36	34	34	45.2	44 7	49.5	44.8	45 7
London	92	82	64	70	77	65.8	64.0	47.8	49.0	54 6
Niagara Falls	16	19	22	20	9	39.8	47.7	54.7	45.7	23.4
North Bay	28	19	24	18	28	70.3	49.0	65.2	46.1	71.4
Oshawa	21	21	34	22	31	40.6	44.7	66.6	42.0	59 1
Ottawa	245	257	200	286	267	81.0	89.4	70 8	94.0	84 8
Owen Sound	18	17	15	11	12	60.8	53.8	46.1	34.3	36.6
Pembroke	.....	13	17	22	24	.....	47.2	60.7	71 2	77 4
Peterborough	49	27	23	36	45	82.7	47 6	42.2	63.0	72.4
Port Arthur	23	22	28	13	21	43.0	42 4	58.7	24 8	38 8
St. Catharines	29	32	28	20	34	49.0	55.8	46 2	36.5	58.9
St. Thomas	10	15	17	18	17	33.3	58 1	52.6	60 6	58 4
Sandwich	5	8	.....	.....	.....	38.0	53 7	.....	.....	.....
Sarnia	17	22	21	22	22	42 7	58 2	52 5	51.8	50 8
Sault Ste. Marie	32	22	27	20	40	49 3	39 0	54 7	37 6	72 2
Stratford	22	10	13	23	9	66.6	32 5	40.6	65 7	25 8
Sudbury	78	71	45	55	73	49 3	98 8	58 6	62 8	74 5
Timmins	47	66	60	53	55	90 5	121 1	101 7	84 0	80 0
Toronto	751	673	517	538	527	62 0	59 6	48 7	51 3	50 6
Walkerville	26	.....	.....	.....	.....	56 6	.....	.....	.....	.....
Welland	20	20	17	13	18	72 7	68 5	66 9	42 8	57 5
Windsor	58	53	89	99	93	52 7	48 8	46 2	48 7	44 0
Woodstock	23	7	10	10	8	95 0	28 4	46 7	44 6	33 8

PUERPERAL

Deaths From Specified Puerperal Causes per 100 Deaths from All Puerperal Causes by Age—1936

	Total 10–49	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35–39 years	40–44 years	45–49 years
Total puerperal causes	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Abortion with septic condition	8.16	.....	15.00	7.35	9.87	11.76	3.44	2.50	.....
Abortion without septic condition	5.63	.....	5.00	5.88	3.70	7.05	5.17	7.50	.....
Ectopic gestation	4.50	.....	.....	.....	2.46	9.41	5.17	7.50	.....
Other accidents of pregnancy	0.56	.....	.....	.....	.....	1.17	.....	2.50	.....
Puerperal haemorrhage	9.57	.....	.....	.....	13.58	8.23	15.51	12.50	66.66
Puerperal septicaemia	23.94	.....	35.00	35.29	23.45	18.82	22.41	15.00	.....
Puerperal albuminuria	18.02	.....	10.00	19.11	24.69	15.29	18.96	12.50	.....
Other toxemias of pregnancy	5.91	.....	5.00	4.41	4.93	9.41	5.17	5.00	.....
Puerperal phlegmasia	7.88	.....	5.00	8.82	6.17	9.41	6.89	10.00	.....
Other accidents of childbirth	14.08	.....	25.00	17.64	11.11	8.23	13.79	20.00	33.33
Others or not specified	1.69	.....	.....	1.47	.....	1.17	3.44	5.00	.....

Deaths from Puerperal Causes and from all Causes of Female Deaths (Showing percent from Puerperal Causes)

Ages 1936	All Causes	Puerperal	% 1936	1927	1928	1929	1930	1931	1932	1933	1934	1935	Mean
10–14	116	.....	.....	0.42	.....	.....	.....	.....	.....	1.36	0.66	0.65	0.30
15–19	221	20	9.04	6.45	9.34	7.21	9.80	7.95	9.99	5.24	8.22	5.83	7.90
20–24	347	68	19.59	17.13	16.09	13.88	21.51	12.42	15.72	20.28	19.38	16.82	17.28
25–29	356	81	22.75	20.75	17.62	17.05	23.57	20.92	20.15	19.80	22.53	18.93	20.40
30–34	422	85	20.14	20.61	19.58	17.06	20.04	21.15	17.83	21.92	20.26	19.07	19.76
35–39	422	58	13.74	15.00	13.18	16.19	16.53	12.98	13.21	13.72	13.33	15.32	14.34
40–44	530	40	7.54	8.74	5.46	7.19	6.12	7.01	6.18	5.20	6.59	4.31	6.43
45–49	632	3	0.47	0.14	0.87	0.14	1.31	0.95	0.89	0.43	0.82	0.48	0.65

Number of Puerperal Deaths and Rate per 1,000 Living Births

	Province			Cities			Towns			Rural		
	Births	Deaths	Rate	Births	Deaths	Rate	Births	Deaths	Rate	Births	Deaths	Rate
1927	67,671	403	6.0	30,393	246	8.1	4,041	32	7.9	33,237	125	3.8
1928	68,510	396	5.8	31,602	260	8.2	5,939	29	4.9	30,969	105	3.4
1929	68,485	368	5.4	32,478	224	6.9	6,288	38	6.0	29,692	106	3.6
1930	71,263	440	6.2	34,380	242	7.0	6,456	37	5.7	30,380	161	5.3
1931	69,209	372	5.4	33,217	213	6.4	5,998	49	8.1	29,994	110	3.6
1932	66,842	343	5.0	33,018	208	6.3	4,178	36	8.6	29,646	99	3.3
1933	63,646	346	5.4	31,107	203	6.5	4,114	25	6.0	28,425	118	4.1
1934	62,234	348	5.6	30,309	210	6.9	3,876	27	6.9	28,049	111	3.9
1935	63,069	313	4.9	31,700	246	7.7	3,943	24	6.0	27,426	43	1.5
1936	62,451	355	5.6	32,425	211	6.5	4,044	24	5.9	25,982	120	4.6

Deaths of Women Not Classified to Pregnancy or Child-Bearing but Returned as Associated Therewith, Ontario, 1935

Int. List No.	Causes of Death	Number
1	Typhoid fever	1
8	Scarlet fever	3
11	Influenza	6
13	Dysentery	1
15	Erysipelas	1
16	Poliomyelitis and polioencephalitis (acute)	1
23	Tuberculosis of the respiratory system	6
25	Tuberculosis of the intestines and peritoneum	2
34	Syphilis	1
45	Cancer of the buccal cavity and pharynx	1
54a	Non-malignant tumours of the ovary	2
54b	Non-malignant tumours of the uterus	3
56	Acute rheumatic fever	3
73	Diseases of the spleen	1
91, 92	Endocarditis	3
93a	Acute myocarditis	1
94b	Embolism and thrombosis of the coronary arteries	1
104	Diseases of the nasal fossae and annexa	1
108	Lobar pneumonia	6
114c	Other diseases of the respiratory system (tuberculosis excepted)	1
115	Diseases of the buccal cavity and annexa and of the pharynx and tonsils (including adenoid vegetations)	3
117b	Ulcer of the duodenum	1
121	Appendicitis	4
122b	Intestinal obstruction	3
125a	Yellow atrophy of the liver	2
125b	Other diseases of the liver	1
131	Chronic nephritis	3
152	Cellulitis, acute abscess	1
163–171	Suicides	1
173–175	Homicides	10
179	Acute accidental poisoning (except by gas)	2
182	Accidental mechanical suffocation	1
186	Accidental injury by fall, crushing or landslide	1
	Total	78

VIOLENT OR ACCIDENTAL DEATHS (Excluding Suicides)

RATES PER 100,000 OF POPULATION

	1927		1928		1929		1930		1931		1932		1933		1934		1935		1936	
Automobiles..	387	11.97	437	13.3	556	16.18	517	15.29	574	16.72	497	14.30	416	11.80	528	14.81	571	15.87	564	15.28
Burns.....	104	3.22	143	4.38	124	3.72	117	3.46	117	3.41	124	3.56	114	3.23	115	3.22	109	3.03	113	3.06
Drowning....	313	9.37	373	11.36	302	9.06	341	10.08	369	10.75	361	10.38	314	8.91	271	7.68	269	7.47	230	6.23
Falls.....	266	8.23	325	9.91	384	11.52	450	13.31	.....		.....		.....		.....		...	....	.....	
Fractures....	192	5.94	191	5.82	93	2.84	63	1.86	.....		.....		.....		.....		...	....	.....	
Railroads....	160	5.95	168	5.12	159	4.77	163	4.82	105	3.06	97	2.79	86	2.44	91	2.55	83	2.30	97	2.62
Other Accidents*.....	575	17.8	716	22.1	768	23.0	719	21.22	1228	35.78	1069	30.75	982	27.86	1170	32.83	1273	35.39	1872	50.73

*Revised.

DEATHS ATTRIBUTED TO EXCESSIVE HEAT

During 1936, the number of deaths classed to Excessive Heat (No. 191 in the International List of Causes of Death) was the highest ever recorded in Ontario. Table A gives the recorded deaths from this cause from 1917 to 1936.

TABLE A

DEATHS CLASSED TO EXCESSIVE HEAT
1917–1936

Year	Number of Deaths	Year	Number of Deaths
1917	34	1927	13
1918	13	1928	8
1919	26	1929	24
1920	3	1930	18
1921	99	1931	122
1922	10	1932	10
1923	16	1933	40
1924	9	1934	15
1925	56	1935	27
1926	11	1936	702

Of the deaths so classified in the decade 1927-1936, namely 979, 702 or 71.7% occurred in 1936, a rate of 19.0 per 100,000 population. These facts serve to emphasize the unusual toll of the heat wave in July of this year. Of interest, too, is the fact that female deaths exceeded male deaths from this cause for the first time in the last decade, male deaths constituting only 47% of the total, while in previous years the rates had been almost two male deaths to one female. The mortality rates for males and females were 17.5 and 20.5 per 100,000 population respectively.

The major part of the deaths from excessive heat occurred in July with relatively few in August and none in June. Thus, of the total of 702 deaths, 686 or 97.7% occurred in July and 12 or 1.7% in August.

This unparalleled mortality reflects the excessive temperatures recorded in July, 1936. In June only 6 of 112 meteorological stations reporting had a temperature at any time reading or exceeding 90°. In August, 53 of 108 stations reporting had temperatures which reached 90° or over, most of which were in Southeastern Ontario. *In July*, however, only 1 of 104 stations reporting *failed* to record a high of 90°, namely Schreiber on the north shore of Lake Superior, where the temperature reached 87°. Thirty-four stations reported 90° and over and 79 reported temperatures in excess of 100°, the highest being in the district of Rainy River where the temperature at one point reached 108° and at three others 107°. The mean temperature for the whole of Northwestern Ontario was nearly 104°.

Mortality by Place of Occurrence

Cities and towns together contributed 70.8% of the total "heat" deaths, the mortality rate in the large urban centres being more than twice that in rural areas (Table B).

TABLE B

DISTRIBUTION OF DEATHS FROM EXCESSIVE HEAT
BY PLACE OF OCCURRENCE

Place of Occurrence	Deaths	Percent Total	Population*	Rate†
Cities and towns of 10,000 or over	463	66.0	1,630	28.4
Towns of 5–10,000	34	4.8	190	17.9
Rural‡	205	29.2	1,870	11.0
Total	702	100.0	3,690	19.0

*Estimated for 1936, in thousands.
†Per 100,000 population.
‡All other than cities and towns of 5,000 or over.

Mortality by Age

The distribution of the deaths from excessive heat by age is given in Table C.

TABLE C

DEATHS FROM EXCESSIVE HEAT BY AGE

Age	Deaths	Rate*	Percent Total	Percent Deaths from All Causes
Under 1	18	28.6	2.6	0.5
1–4	10	3.7	1.4	0.1
5–14	2	0.2	0.3	0.3
15–24	6	0.9	0.9	0.5
25–34	8	1.4	1.1	0.5
35–44	24	4.6	3.4	1.2
45–54	50	12.1	7.1	1.4
55–64	75	27.6	10.7	1.4
65–74	150	84.9	21.4	1.9
75–84	228	354.9	32.5	2.8
85 and over	131	1118.9	18.6	4.5
Total	702	1.9	100.0	1.9

*Per 100 000 population at age.

Thus 509 or 72.5% of the deaths occurred in persons 65 years and over. The rates of mortality in table C show increasing risk with increasing age, with the exception of the infant group. It is to be expected that the principal toll of excessive heat should fall at older ages, but in many instances certainly the heat itself was but a factor *hastening* death from other imminent causes, viz., "degenerative diseases" of the heart, arteries and kidneys. As such it produced a shortening of the expected span of life, which indeed would appear in many instances to have been relatively limited.

Despite the data which have been presented, and as the experience of the City of Toronto demonstrated so well (Report of the Department of Public Health of the month of July, 1936, pages 1-5), the death rate for July, even

excluding all deaths in which heat was *mentioned* in the medical certificate, was still definitely above expectations on the basis of past experience. This leads us to suggest that in all probability the full influence of the heat wave of July, 1936, on the health of the people, cannot be told by mortality records. Undoubtedly in many instances heat was a factor in death, but was not mentioned on the death certificate.

The month of July, 1936, has certainly achieved recognition in the Vital Statistics of the Province.

SPECIAL CLASSES OF ACCIDENTAL DEATHS
ONTARIO—1936

Int. List No.	Causes of Death	Male	Female
	A.—Accidents in mines and quarries	58	..
182	Accidental mechanical suffocation	4	..
186	Accidental injury by fall, crushing or landslide	42	..
193	Accidents due to electric currents	1	..
194	Other accidents	11	..
	B.—Accidents caused by machines	41	2
178	Accidental absorption of toxic gases	1	..
181	Accidental burns (conflagration excepted)	1	..
185	Accidental injury by cutting or piercing instruments	6	..
186	Accidental injury by fall, crushing or landslide	26	2
193	Accidents due to electric currents	2	..
194	Other accidents	5	..
	C.—Railway accidents	89	8
181	Accidental burning (conflagration excepted)	1	..
182	Accidental mechanical suffocation	1	..
186	Accidental injury by fall, crushing or landslide	87	8
	D.—Street-car accidents	7	3
186	Accidental injury by fall, crushing or landslide	7	3
	E.—Automobile and motorcycle accidents	431	133
178	Accidental absorption of toxic gases	10	1
180	Conflagration	3	..
182	Accidental mechanical suffocation	3	..
183	Accidental drowning	6	2
185	Accidental injury by cutting or piercing instruments	2	1
186	Accidental injury by fall, crushing or landslide	405	128
194	Other accidents	2	1
	F.—Other land transportation	49	9
182	Accidental mechanical suffocation	1	..
183	Accidental drowning	1	..
186	Accidental injury by fall, crushing or landslide	46	9
194	Other accidents	1	..
	G.—Water transportation	69	6
183	Accidental drowning	66	6
186	Accidental injury by fall, crushing or landslide	2	..
194	Other accidents	1	..
	H.—Air transportation	4	1
186	Accidental injury by fall, crushing or landslide	4	1

SUICIDES

In 1936 there were 398 suicides. The rate per 100,000 of population was 10.7, just 0.05 more than for 1935.

Of these, 299 or 75.12 were males and 99 or 24.87 females.

	Total		Under 20		20-39		40-59		60 and over	
	No.	%	No.	%	No.	%	No.	%	No.	%
Males....	299	100	3	1.00	83	27.75	142	47.49	71	23.75
Females..	99	100	3	1.01	40	40.40	40	40.40	16	16.16
Total ..	398	100	6	1.50	123	30.90	182	45.72	87	21.85

Method of suicide over a ten-year period is shown in the following table:

	Total	Rate	Poison	Gas	Hanging	Drowning	Shooting	Cutting	Jumping	Crushing	Others
1926	271	8.6	60	10	68	33	61	26	2	2	5
1927	318	10.0	77	28	71	56	45	31	6	1	5
1928	285	8.7	61	25	78	33	55	22	4	2	2
1929	320	9.6	68	25	74	60	53	21	7	5	2
1930	404	11.9	02	38	90	50	70	33	12	4	2
1931	426	12.4	103	33	95	68	74	24	13	3	3
1932	423	12.2	192	53	74	66	92	29	23	4	.....
1933	366	10.3	86	41	88	38	68	29	12	1	3
1934	360	10.1	90	31	61	55	71	32	11	4	5
1935	367	10.2	73	41	82	43	63	27	27	5	6
1936	398	10.7	68	33	90	65	79	25	23	6	9

Table 1—General Summary of Births, Deaths and Marriages in the Province of Ontario by County Municipalities (including Cities and Towns), 1936

COUNTIES	Estimated population	BIRTHS (exclusive of stillbirths)			Ratio per 1,000 of population	DEATHS									Ratio per 1,000 of population	Stillbirths	Marriages	Ratio per 1,000 of population
						All ages			Under 1 year		1-4 years		5 years and over					
		Total	M	F		Total	M	F	M	F	M	F	M	F				
Total	*3,690,000	62,451	32,124	30,327	16.9	37,571	19,916	17,655	1,915	1,501	469	394	17,532	15,760	10.2	2,034	27,734	7.5
Addington	7395	130	65	67	17.5	97	53	44	5	3	...	...	48	41	13.1	3	51	6.8
Algoma	49940	1039	541	498	20.8	434	247	187	33	32	6	4	208	151	8.6	29	326	6.5
Brant	57501	949	482	467	16.5	651	348	303	22	27	4	7	322	269	11.3	23	423	7.3
Bruce	45468	707	372	335	15.5	500	250	250	22	31	6	3	222	216	10.9	21	266	5.8
Carleton	182840	3534	1809	1725	19.3	2072	1060	1012	178	117	26	27	856	868	11.3	122	1396	7.6
Cochrane	62401	2000	1033	967	32.0	522	306	216	82	76	20	19	204	121	8.3	48	648	10.3
Dufferin	16015	250	134	116	15.6	161	94	67	6	...	1	...	87	67	10.0	9	98	6.1
Dundas	17310	268	138	130	15.4	169	99	70	8	4	...	...	91	66	9.7	9	104	6.0
Durham	27723	353	187	166	12.7	333	167	166	6	8	3	2	158	156	12.0	13	152	5.4
Elgin	46704	584	316	268	12.5	577	291	286	15	16	3	2	273	268	12.3	19	308	6.5
Essex	171806	3083	1582	1501	17.9	1349	734	615	82	53	25	24	627	538	7.8	102	1345	7.8
Frontenac	49199	922	481	441	18.7	696	349	347	30	31	9	5	310	311	14.1	37	402	8.1
Glengarry	20070	303	146	157	15.0	166	93	73	6	6	...	2	87	65	8.2	17	112	5.5
Grenville	17557	194	84	110	11.0	187	94	93	7	6	1	2	86	85	10.6	7	116	6.6
Grey	62044	952	488	464	15.3	669	379	290	27	19	7	6	345	265	10.7	28	372	5.9
Haldimand	23040	310	145	165	13.4	229	127	102	1	6	2	3	124	93	9.9	9	123	5.3
Haliburton	6450	179	86	93	27.7	61	30	31	8	7	...	...	22	24	9.4	9	39	6.0
Halton	28557	296	155	141	10.3	201	96	105	10	4	2	...	84	101	7.0	13	204	7.1
Hastings	63276	1297	670	627	20.4	733	387	346	51	40	10	7	326	299	11.5	53	513	8.1
Huron	48579	684	349	335	14.0	524	281	243	17	8	2	2	262	233	10.7	25	241	4.9
Kenora	23598	511	240	271	21.6	232	134	98	9	12	9	4	116	82	9.8	13	184	7.7
Kent	67597	1193	599	594	17.8	720	395	325	32	20	5	5	358	300	10.6	43	527	7.7
Lambton	58789	974	502	472	16.5	715	402	313	33	17	9	7	360	289	12.1	26	332	5.6
Lanark	35328	594	313	281	16.8	386	198	188	17	12	6	1	175	175	10.9	21	253	7.1
Leeds	37804	597	332	265	15.7	516	249	267	17	17	4	5	228	245	13.6	23	258	6.8
Lennox	12908	138	66	72	10.6	111	53	58	5	8	3	1	45	49	8.6	5	71	5.5
Lincoln	58276	878	443	435	15.0	569	311	258	35	17	5	5	271	236	9.7	17	412	7.0
Manitoulin	11542	257	125	132	22.2	112	69	43	10	8	2	2	57	33	10.9	9	83	7.1
Middlesex	127143	1881	986	895	14.7	1766	973	793	67	32	18	17	888	744	13.8	72	974	7.6
Muskoka	22564	378	201	177	16.7	276	146	130	18	8	1	3	127	119	12.2	21	158	7.0
Nipissing	44309	1190	599	591	26.8	426	265	161	76	42	9	12	180	107	9.6	46	341	7.6
Norfolk	33719	625	325	300	18.5	334	191	143	13	11	3	3	175	129	9.9	21	248	7.3
Northumberland	33819	464	233	231	13.7	399	210	189	16	12	4	4	190	173	11.8	23	192	5.6
Ontario	64158	942	491	451	14.6	665	358	307	30	20	7	6	321	281	10.3	33	433	6.7
Oxford	51424	852	429	423	16.5	640	345	295	21	18	6	5	318	272	12.4	24	381	7.4
Parry Sound	27848	670	331	339	24.0	222	124	98	11	21	3	1	110	76	7.9	24	196	7.0
Peel	30277	364	186	178	12.0	262	137	125	9	4	1	2	127	119	8.6	8	194	6.4
Perth	55262	760	388	372	13.7	545	274	271	18	9	...	4	256	258	9.8	30	353	6.3
Peterborough	47265	846	461	385	17.8	556	278	278	32	22	3	6	243	250	11.7	32	361	7.6
Prescott	26446	641	320	321	24.2	232	116	116	30	26	5	5	81	85	8.7	14	203	7.6
Prince Edward	17948	253	132	121	14.1	235	115	120	3	8	2	3	110	109	13.0	4	85	4.7
Rainy River	18668	434	241	193	23.2	130	85	45	5	6	4	2	76	37	6.9	10	85	4.5
Renfrew	56158	1082	539	543	19.2	536	296	240	45	27	5	8	246	205	9.5	35	366	6.5
Russell	19878	470	243	227	23.6	168	90	78	27	13	4	2	59	63	8.4	8	136	6.8
Simcoe	89966	1449	758	691	16.1	988	542	446	27	30	9	15	506	401	11.0	63	596	6.6
Stormont	34974	1025	551	474	29.3	452	249	203	40	33	10	4	199	166	12.6	31	261	7.4
Sudbury	62634	1990	1058	932	31.7	670	400	270	78	75	39	24	283	171	10.6	50	655	10.4
Thunder Bay	70018	1184	591	593	16.9	550	336	214	31	29	15	11	290	174	7.8	42	495	7.0
Timiskaming	39834	1193	587	606	29.9	363	239	124	44	26	14	7	181	91	9.1	39	439	11.0
Victoria	27789	405	208	197	14.5	325	188	137	12	15	2	4	174	118	11.6	14	180	6.4
Waterloo	96615	1524	772	752	15.7	918	449	469	40	22	7	2	402	445	9.6	52	708	7.3
Welland	88958	1289	707	582	14.4	710	379	331	33	22	6	11	340	298	7.9	52	626	7.0
Wellington	62542	981	493	488	15.6	666	353	313	25	21	7	8	321	284	10.6	29	422	6.7
Wentworth	204323	2979	1571	1408	14.5	2101	1059	1042	58	66	16	16	985	960	10.2	73	1611	7.8
York	921463	13404	6842	6562	14.5	8744	4423	4321	332	278	99	64	3992	3979	9.4	431	7676	8.3

(*) Including 4,281 in the District of Patricia.

Table 2—Number of Births, Deaths and Marriages, and the ratio per 1,000 of population in each county (excluding cities and towns of 5,000 population and over), Ontario, 1936

COUNTIES	Estimated population	BIRTHS (exclusive of stillbirths)			Ratio per 1,000 of population	DEATHS									Ratio per 1,000 of population	Stillbirths	Marriages	Ratio per 1,000 of population
						All ages			Under 1 year		1-4 years		5 years and over					
		Total	M	F		Total	M	F	M	F	M	F	M	F				
Total, including all municipalities.....	3,690,000 (*)	62,451	32,124	30,327	16.9	37,571	19,916	17,655	1,915	1,501	469	394	17,532	15,760	10.2	2,034	27,734	7.5
Total, excluding cities and towns of 5,000 and over.....	1,874,077	25,982	13,298	12,684	13.8	16,195	8,835	7,360	776	607	189	171	7,870	6,582	8.6	786	9,602	5.1
Addington.....	7395	130	63	67	17.5	97	53	44	5	3	...	...	48	41	13.1	3	51	6.8
Algoma.....	26558	485	245	240	18.2	196	120	76	16	9	4	1	100	66	7.3	18	113	4.2
Brant.....	26119	283	145	138	10.8	248	129	119	9	9	3	3	117	107	9.4	9	93	3.5
Bruce.....	45468	707	372	335	15.5	500	250	250	22	31	6	3	222	216	10.9	21	266	5.8
Carleton.....	34085	331	174	157	9.7	238	134	104	15	5	2	3	117	96	6.9	12	199	5.8
Cochrane.....	41532	1313	669	644	31.5	332	202	130	54	49	14	12	134	69	7.9	31	344	8.2
Dufferin.....	16015	250	134	116	15.6	161	94	67	6	...	1	...	87	67	10.0	9	98	6.1
Dundas.....	17310	268	138	130	15.4	169	99	70	8	4	...	...	91	66	9.7	9	104	6.0
Durham.....	27723	353	187	166	12.7	333	167	166	6	8	3	2	158	156	12.0	13	152	5.4
Elgin.....	30581	293	162	131	9.5	311	160	151	8	6	1	1	151	144	10.1	5	161	5.2
Essex.....	60334	765	377	388	12.6	392	212	180	18	16	7	9	187	155	6.4	16	261	4.3
Frontenac.....	24827	248	146	102	10.0	208	107	101	8	7	1	1	98	93	8.3	6	107	4.3
Glengarry.....	20070	303	146	157	15.0	166	93	73	6	6	...	2	87	65	8.2	17	112	5.5
Grenville.....	17557	194	84	110	11.0	187	94	93	7	6	1	2	86	85	10.6	7	116	6.6
Grey.....	48905	625	328	297	12.7	486	277	209	23	11	4	6	250	192	9.9	16	234	4.7
Haldimand.....	23040	310	145	165	13.4	229	127	102	1	6	2	3	124	93	9.9	9	123	5.3
Haliburton.....	6450	179	86	93	27.7	61	30	31	8	7	...	...	22	24	9.4	9	39	6.0
Halton.....	28557	296	155	141	10.3	201	96	105	10	4	2	...	84	101	7.0	13	204	7.1
Hastings.....	42121	727	376	351	17.2	407	226	181	27	21	5	3	194	157	9.6	28	249	5.9
Huron.....	48579	684	349	335	14.0	524	281	243	17	8	2	2	262	233	10.7	25	241	4.9
Kenora.....	15416	279	132	147	18.1	140	85	55	4	7	6	2	75	46	9.0	6	108	7.0
Kent.....	51382	615	307	308	11.9	395	208	187	14	10	4	1	190	176	7.6	23	312	6.0
Lambton.....	40559	541	273	268	13.3	454	263	191	20	8	5	4	238	179	11.1	14	191	4.7
Lanark.....	27705	449	246	203	16.2	279	148	131	9	7	3	...	136	124	10.0	14	177	6.3
Leeds.....	27901	345	184	161	12.3	339	168	171	9	12	3	5	156	154	12.1	10	139	4.9
Lennox.....	12908	138	66	72	10.6	111	53	58	5	8	3	1	45	49	8.6	5	71	5.5
Lincoln.....	31270	301	152	149	9.6	258	131	127	9	9	1	3	121	115	8.2	5	192	6.1
Manitoulin.....	11542	257	125	132	22.2	112	69	43	10	8	2	2	57	33	10.9	9	83	7.1
Middlesex.....	50891	471	247	224	9.2	662	391	271	15	7	4	4	372	260	13.0	11	237	4.6
Muskoka.....	22564	378	201	177	16.7	276	146	130	18	8	1	3	127	119	13.2	21	158	7.0
Nipissing.....	29039	797	396	401	27.4	255	150	105	56	34	7	8	87	63	8.7	30	193	6.6
Norfolk.....	28105	367	193	174	13.0	221	131	90	6	5	2	2	123	83	7.8	10	160	5.6
Northumberland.....	28064	320	168	152	11.4	295	162	133	13	7	3	3	146	123	10.5	13	145	5.1
Ontario.....	34086	384	204	180	11.2	277	155	122	11	4	...	1	144	117	8.1	17	156	4.5
Oxford.....	35226	470	237	233	13.3	350	191	159	10	11	3	3	178	145	9.9	9	211	5.9
Parry Sound.....	27848	670	331	339	24.0	222	124	98	11	21	3	1	110	76	7.9	24	196	7.0
Peel.....	24709	172	92	80	6.9	177	97	80	4	1	1	1	92	78	7.1	5	145	5.8
Perth.....	37647	412	211	201	10.9	345	186	159	12	6	...	3	174	150	9.1	15	202	5.3
Peterborough.....	24193	225	120	105	9.3	182	98	84	7	2	...	2	91	80	7.5	4	82	3.3
Prescott.....	20524	438	226	212	21.3	171	86	85	24	19	5	3	57	63	8.3	11	140	6.8
Prince Edward.....	17948	253	132	121	14.1	235	115	120	3	8	2	3	110	109	13.0	4	85	4.7
Rainy River.....	13159	293	156	137	29.8	94	64	30	3	4	4	2	57	24	7.1	7	31	2.3
Renfrew.....	40466	617	318	299	15.2	295	161	134	29	13	2	5	130	116	7.2	18	228	5.6
Russell.....	19878	470	243	227	23.6	168	90	78	27	13	4	2	59	63	8.4	8	136	6.8
Simcoe.....	60704	676	339	337	11.1	538	307	231	10	13	6	11	291	207	8.8	28	271	4.4
Stormont.....	22293	462	242	220	20.7	192	105	87	12	11	4	4	89	72	8.6	12	57	2.5
Sudbury.....	38194	1011	548	463	26.4	343	211	132	38	42	24	13	149	77	8.9	17	249	6.4
Thunder Bay.....	25191	158	73	85	6.2	113	83	30	5	7	3	3	75	20	4.4	2	42	1.6
Timiskaming.....	38834	689	334	355	17.7	238	160	78	24	12	8	4	128	62	6.1	19	253	6.5
Victoria.....	20581	186	87	99	9.0	174	103	71	4	6	...	2	99	63	8.4	4	104	5.0
Waterloo.....	35074	397	194	203	11.3	254	118	136	7	5	...	1	111	130	7.2	13	185	5.2
Welland.....	48144	424	236	188	8.8	265	143	122	16	5	...	1	127	116	5.5	16	201	4.1
Wellington.....	41087	682	351	331	16.6	462	243	219	20	15	4	6	219	198	11.2	19	181	4.4
Wentworth.....	50965	221	108	113	4.3	462	251	211	7	2	2	2	242	207	9.0	1	176	3.4
York.....	242473	2670	1345	1325	11.0	1395	688	707	30	41	12	7	646	659	5.7	86	838	3.4

(*) Including 4,281 in the District of Patricia.

Table 3—General Summary of Births, Deaths and Marriages in the Province of Ontario for Cities and Towns of 10,000 Population and Over, 1936

CITIES AND TOWNS	Estimated Population	BIRTHS (exclusive of stillbirths)			Ratio per 1,000 of population	DEATHS									Ratio per 1,000 of population	Stillbirths	Marriages	Ratio per 1,000 of population
						All ages			Under 1 year		1-4 years		5 years and over					
		Total	M	F		Total	M	F	M	F	M	F	M	F				
Total	**1,626,089**	**32,425**	**16,732**	**15,693**	**19.9**	**18,964**	**9,856**	**9,108**	**1,031**	**796**	**258**	**201**	**8,567**	**8,111**	**11.6**	**1,108**	**16,255**	**9.9**
Belleville	14578	430	221	209	29.5	259	133	126	19	12	4	4	110	110	17.7	24	175	12.0
Brantford	31382	666	337	329	21.2	403	219	184	13	18	1	4	205	162	12.8	14	330	10.5
Chatham	16215	578	292	286	35.7	325	187	138	18	10	1	4	168	124	20.0	20	215	13.2
Cornwall	12681	563	309	254	44.4	260	144	116	28	22	6	...	110	94	20.5	19	204	16.0
Fort William	24475	485	268	217	19.8	219	128	91	16	11	5	6	107	74	9.9	19	251	10.2
Galt	14119	267	142	125	18.9	169	100	69	7	3	1	...	92	66	11.9	10	104	7.3
Guelph	21455	299	142	157	13.9	204	110	94	5	6	3	2	102	86	9.5	10	241	11.2
Hamilton	153358	2758	1463	1295	17.9	1639	808	831	51	64	14	14	743	753	10.6	72	1435	9.3
Kingston	24372	674	335	339	27.6	488	242	246	22	24	8	4	212	218	20.0	31	295	12.1
Kirkland Lake (*)	21000	504	253	251	23.9	125	79	46	20	14	6	3	53	29	5.9	20	186	8.8
Kitchener	32862	743	378	365	22.6	384	177	207	23	11	5	1	149	195	11.6	28	290	8.8
London	76252	1410	739	671	18.4	1104	582	522	52	25	14	13	516	484	14.4	61	737	9.6
Niagara Falls	18527	384	210	174	20.7	202	105	97	4	5	2	1	99	91	11.9	18	163	8.8
North Bay	15270	393	203	190	25.7	171	115	56	20	8	2	4	93	44	11.1	16	148	9.6
Oshawa	24692	524	272	252	21.2	222	116	106	19	12	7	5	90	89	8.9	16	223	9.0
Ottawa	141903	3028	1545	1483	21.3	1787	907	880	159	108	23	21	725	751	12.5	103	1138	8.0
Owen Sound	13139	327	160	167	24.8	183	102	81	4	8	3	...	95	73	13.9	12	138	10.5
Pembroke	10326	310	150	160	30.0	170	93	77	13	11	2	3	78	63	16.4	9	71	6.8
Peterborough	23072	621	341	280	26.9	374	180	194	25	20	3	4	152	170	16.2	28	279	12.0
Port Arthur	20352	541	250	291	26.5	218	125	93	10	11	7	2	108	80	10.7	21	202	9.9
St. Catharines	27006	577	291	286	21.3	311	180	131	26	8	4	2	150	121	11.5	12	220	8.1
St. Thomas	16123	291	154	137	18.0	266	131	135	7	10	2	1	122	124	16.5	14	147	9.1
Sarnia	18230	433	229	204	23.7	261	139	122	13	9	4	3	122	110	14.3	12	141	7.7
Sault Ste. Marie	23382	554	296	258	23.6	238	127	111	17	23	2	3	108	85	10.1	11	213	9.1
Stratford	17615	348	177	171	19.7	200	88	112	6	3	...	1	82	108	11.3	15	151	8.5
Sudbury	24440	979	510	469	40.0	327	189	138	40	33	15	11	134	94	13.3	33	406	16.6
Timmins	20869	687	364	323	32.9	190	104	86	28	27	6	7	70	52	9.1	17	304	14.5
Toronto	645462	10391	5317	5074	16.0	7044	3578	3466	294	233	87	57	3197	3176	11.5	339	6636	10.2
Welland	10540	313	176	137	29.6	146	82	64	7	11	1	6	74	47	13.8	14	137	12.9
Windsor	101352	2111	1101	1010	20.8	882	485	397	60	33	18	13	407	351	8.7	79	969	9.5
Woodstock	11040	236	107	129	20.4	193	101	92	5	3	2	2	94	87	17.4	11	106	9.6

(*) Includes all marriages of Teck Township.

Table 4—General Summary of Births, Deaths and Marriages for Towns of 5,000 to 10,000 Population, in the Province of Ontario, 1936

TOWNS 5,000 to 10,000 population	Estimated Population	BIRTHS (exclusive of stillbirths)			Ratio per 1,000 of population	DEATHS									Ratio per 1,000 of population	Stillbirths	Marriages	Ratio per 1,000 of population
						All ages			Under 1 year		1-4 years		5 years and over					
		Total	M	F		Total	M	F	M	F	M	F	M	F				
Total	**189,834**	**4,044**	**2,094**	**1,950**	**21.3**	**2,412**	**1,225**	**1,187**	**108**	**98**	**22**	**22**	**1,095**	**1,067**	**12.7**	**140**	**1,877**	**9.8**
Barrie	8111	200	108	92	24.6	92	49	43	4	2	...	...	45	41	11.3	8	112	13.7
Brampton	5568	192	94	98	34.4	85	40	45	5	3	...	1	35	41	15.2	3	49	8.7
Brockville	9903	252	148	104	27.0	177	81	96	8	5	1	...	72	91	19.0	13	119	12.7
Cobourg	5755	144	65	79	25.0	104	48	56	3	5	1	1	44	50	18.0	10	47	8.1
Collingwood	5498	127	70	57	23.0	102	49	53	2	3	2	...	45	50	18.5	4	48	8.7
Eastview	6852	175	90	85	25.5	47	19	28	4	1	3		14	21	6.8	7	59	8.6
Forest Hill	9147	11	5	6	12.0	34	14	20	1	1	...	...	13	19	37.1	...	15	16.3
Fort Erie	5551	87	45	42	15.6	68	32	36	2	1	2	1	28	34	12.2	1	53	9.5
Fort Francis	5509	141	85	56	25.5	36	21	15	2	2	...	...	19	13	6.5	3	54	9.8
Hawkesbury	5922	203	94	109	34.2	61	30	31	6	7	...	2	24	22	10.2	3	63	10.6
Ingersoll	5158	146	85	61	28.2	97	53	44	6	4	1	...	46	40	18.8	4	64	12.4
Kenora	8182	232	108	124	28.3	92	49	43	5	5	3	2	41	36	11.2	7	76	9.2
Leamington	5102	143	69	74	28.0	65	32	33	2	3	...	2	30	28	12.7	6	93	18.2
Lindsay	7208	219	121	98	30.3	151	85	66	8	9	2	2	75	55	20.9	10	76	10.5
Midland	6845	200	114	86	29.2	78	44	34	6	1	...	2	38	31	11.3	9	63	9.2
Mimico	6935	120	65	55	17.3	37	15	22	4	2	...	...	11	20	5.3	4	47	6.7
New Toronto	6884	86	38	48	12.4	174	96	78	2	1	...	...	94	77	25.2	1	54	7.8
Orillia	8808	246	127	119	27.9	178	93	85	5	11	1	2	87	72	19.2	14	102	11.5
Port Colborne	6196	81	40	41	13.0	29	17	12	4	...	1	2	12	10	4.6	3	72	11.6
Preston	6294	59	28	31	9.3	43	22	21	2	2	1	...	19	19	6.8	...	50	7.9
Renfrew	5366	155	71	84	28.8	71	42	29	3	3	1	...	38	26	13.2	8	67	11.4
Riverside	5018	64	35	29	12.7	10	5	5	2	1	...	...	3	4	1.9	1	22	4.3
Simcoe	5614	258	132	126	45.9	113	60	53	7	6	1	1	52	46	20.1	11	88	15.6
Smiths Falls	7623	145	67	78	19.0	107	50	57	8	5	3	1	39	51	14.0	7	76	9.9
Swansea	5504	18	11	7	3.2	31	17	14	...	...	...	...	17	14	5.6	...	39	7.0
Trenton	6577	140	73	67	21.2	67	28	39	5	7	1	...	22	32	10.1	1	89	13.5
Waterloo	8266	58	30	28	7.0	68	32	36	1	1	...	...	31	35	8.2	1	79	9.5
Weston	5058	108	61	47	21.3	29	15	14	1	...	...	...	14	14	5.7	1	47	9.2
Whitby	5380	34	15	19	6.3	166	87	79	...	4	...	...	87	75	20.8	...	54	10.0

Table 5—General Summary of Births, Deaths and Marriages in the Province of Ontario for Towns of 1,000 Population and Under 5,000—1936

Towns 1,000 and over and under 5,000	Estimated population	BIRTHS (exclusive of stillbirths)			Ratio per 1,000	DEATHS									Ratio per 1,000	Stillbirths	Marriages	Ratio per 1,000
						All ages			Under 1 year		1-4 years		5 years and over					
		Total	M	F		Total	M	F	M	F	M	F	M	F				
Total	235182	5579	2874	2705	23.7	3319	1765	1554	159	121	34	41	1572	1392	14.1	212	2675	11.3
Alexandria	1926	57	23	34	29.5	23	11	12	1	2	...	1	10	9	11.9	4	30	15.5
Alliston	1257	74	36	38	58.8	45	24	21	...	4	1	1	23	16	35.7	5	19	15.1
Almonte	2431	106	56	50	43.5	30	13	17	1	...	...	...	12	17	12.3	6	28	11.5
Amherstburg	2879	34	23	11	11.8	30	14	16	...	1	...	2	14	13	10.4	...	37	12.8
Arnprior	4227	66	30	36	15.6	36	24	12	3	4	...	...	21	8	8.5	1	42	9.9
Aurora	2758	17	6	11	6.1	36	18	18	...	2	...	...	18	16	13.0	1	20	7.2
Aylmer	1196	21	9	12	17.5	30	15	15	...	...	...	...	15	15	25.0	...	42	35.1
Blenheim	1755	19	9	10	10.8	15	5	10	...	...	...	...	5	10	8.5	2	19	10.8
Blind River	2761	124	56	68	44.9	27	18	9	5	4	...	...	13	5	9.9	4	14	5.0
Bowmanville	3650	98	55	43	26.8	73	36	37	4	2	...	...	32	35	19.9	4	35	9.5
Bracebridge	2586	90	50	40	34.8	64	35	29	5	3	1	2	29	24	24.7	5	40	15.4
Burlington	3560	34	20	14	9.5	27	16	11	2	...	...	...	14	11	7.5	1	52	14.6
Cache Bay	1065	38	20	18	35.6	6	5	1	3	...	...	...	2	1	5.6	3	12	11.2
Campbellford	2848	55	24	31	19.3	39	18	21	2	2	...	1	16	18	13.6	...	30	10.5
Capreol	1740	30	18	12	17.2	10	5	5	...	1	...	...	5	4	5.7	...	21	12.0
Carleton Place	4275	46	21	25	13.0	39	24	15	1	1	1	...	22	14	9.1	...	40	9.3
Chesley	1766	31	12	19	17.5	16	6	10	...	2	...	...	6	8	9.0	2	19	10.7
Clinton	1865	63	33	30	33.7	41	18	23	...	...	...	...	18	23	21.9	6	19	10.1
Cobalt	3022	87	35	52	28.7	23	15	8	1	1	...	...	14	7	7.6	3	46	15.2
Cochrane	3214	135	65	70	42.0	59	33	26	6	7	...	1	27	18	18.3	6	42	13.0
Copper Cliff	3539	49	28	21	13.9	29	17	12	2	5	1	...	14	7	8.1	...	65	18.3
Deseronto	1287	20	12	8	15.5	19	9	10	1	1	1	...	7	9	14.7	1	12	9.3
Dresden	1468	13	5	8	8.8	22	10	12	...	...	1	...	9	12	14.9	1	27	18.3
Dryden	1639	100	43	57	61.0	43	27	16	2	3	2	1	23	12	26.2	1	26	15.8
Dundas	4930	24	8	16	4.8	52	24	28	1	1	...	...	23	27	10.5	...	44	8.9
Dunnville	4011	95	43	52	23.6	66	35	31	...	1	...	1	35	29	16.4	2	46	11.4
Durham	1817	44	23	21	25.6	24	15	9	...	1	...	1	15	7	13.9	3	15	8.7
Elmira	2100	20	8	12	9.5	15	6	9	...	...	...	...	6	9	7.1	1	19	9.0
Englehart	1179	103	49	54	87.3	11	7	4	2	2	...	...	5	2	9.3	1	18	15.2
Essex	1798	20	9	11	11.1	20	11	9	...	...	...	...	11	9	11.1	...	15	8.3
Forest	1586	16	9	7	10.0	34	17	17	1	...	...	...	16	17	21.4	...	14	8.8
Gananoque	3418	67	38	29	19.6	41	19	22	1	1	2	1	16	20	11.9	4	48	14.0
Georgetown	2214	22	9	13	9.9	18	5	13	1	...	1	...	3	13	8.5	...	11	4.9
Goderich	4336	98	59	39	22.6	61	30	31	4	1	1	...	25	30	14.0	3	25	5.7
Gravehurst	1996	32	19	13	16.0	87	43	44	2	...	...	...	41	44	43.5	1	25	12.5
Grimsby	1976	50	25	25	25.3	23	11	12	1	1	...	...	10	11	11.6	1	35	17.7
Haileybury	2703	71	37	34	26.2	63	36	27	6	4	...	1	30	22	23.3	1	29	10.7
Hanover	3061	61	31	30	19.9	40	24	16	4	...	...	1	20	15	13.0	1	19	6.2
Harriston	1329	9	4	5	6.7	22	10	12	...	...	...	...	10	12	16.5	...	15	11.2
Hespeler	2861	32	13	19	11.1	23	11	12	...	...	...	...	11	12	8.0	1	52	18.1
Huntsville	2700	65	34	31	24.0	17	8	9	2	...	...	1	6	8	6.2	9	38	14.0
Iroquois Falls	1300	56	37	19	43.0	11	8	3	3	...	...	...	5	3	8.4	...	41	31.5
Kapuskasing	3351	155	86	69	46.2	37	18	19	3	8	1	1	14	10	11.0	6	32	9.5
Keewatin	1497	6	6	....	4.0	11	6	5	...	...	...	...	6	5	7.3	...	19	12.6
Kincardine	2458	2	2	....	8.1	19	11	8	...	...	...	1	11	7	7.7	...	25	10.1
Kingsville	2282	43	22	21	18.8	24	13	11	...	...	1	...	12	11	10.5	...	28	12.2
Listowell	2872	71	38	33	24.7	59	28	31	3	2	...	...	25	29	20.5	9	23	8.0
Little Current	1163	19	9	10	16.3	7	3	4	1	...	...	1	2	3	6.0	1	15	12.8
Long Branch	4100	35	15	20	8.5	24	9	15	...	...	...	...	9	15	5.8	...	24	5.8
Mattawa	1910	79	35	44	41.3	45	25	20	6	5	1	4	18	11	23.5	2	28	14.6
Meaford	2719	48	20	28	17.6	47	28	19	1	2	1	...	26	17	17.2	...	27	9.9
Merritton	2607	12	4	8	4.6	17	8	9	...	...	...	1	8	8	6.5	...	11	4.2
Milton	1785	25	15	10	14.0	17	3	14	...	1	...	...	3	13	9.5	1	18	10.0
Mitchell	1577	9	3	6	5.7	20	16	4	...	...	...	...	16	4	12.6	...	18	11.4
Mount Forest	1815	51	26	25	28.0	26	12	14	...	...	...	1	12	13	14.3	5	16	8.8
Napanee	3061	40	20	20	13.0	33	17	16	2	2	1	1	14	13	10.7	3	35	9.9
New Liskeard	2991	59	31	28	19.7	18	11	7	2	...	1	1	8	6	6.0	1	38	12.7
Newmarket	3526	180	93	87	51.0	78	47	31	1	...	...	1	46	30	22.1	7	48	13.6
Niagara	1563	23	12	11	14.7	24	14	10	1	...	...	1	13	9	15.3	...	20	12.7
Oakville	3868	59	32	27	15.0	31	12	19	1	...	...	...	11	19	8.0	2	41	10.5
Orangeville	2792	97	58	39	34.2	61	35	26	1	...	...	...	34	26	21.8	7	32	11.4
Palmerston	1407	30	18	12	21.3	24	12	12	...	1	1	...	11	11	17.0	2	14	9.9
Paris	4315	90	47	43	20.8	52	29	23	...	2	...	...	29	21	12.0	3	27	6.2
Parry Sound	3381	229	115	114	59.0	70	48	22	4	5	1	...	43	17	18.0	11	72	18.5
Penetanguishene	4648	96	47	49	20.6	57	28	29	4	2	...	3	24	24	12.2	3	48	10.3
Perth	4184	136	79	57	32.5	75	35	40	...	2	1	...	34	38	17.9	4	45	10.7
Petrolia	2720	106	52	54	38.9	60	35	25	2	1	...	...	33	24	22.0	2	40	14.7
Picton	3481	128	67	61	36.7	89	44	45	2	3	1	...	41	42	25.5	3	41	11.7
Port Hope	4564	97	51	46	21.2	84	45	39	1	2	1	2	43	35	18.4	5	35	7.6
Prescott	2966	35	17	18	11.7	38	17	21	2	1	...	1	15	19	12.5	1	35	11.7
Rainy River	1304	77	39	38	59.0	12	10	2	...	...	1	...	9	2	9.2	...	15	11.5
Ridgetown	1983	25	16	9	12.6	34	16	18	1	...	...	...	15	18	17.1	...	30	15.1
Rockland	2103	44	28	16	20.9	22	11	11	2	1	1	...	8	10	10.4	1	24	11.4
St. Mary's	4018	37	19	18	9.2	55	22	33	1	...	...	1	21	32	13.6	...	30	7.4
Seaforth	1704	61	30	31	35.7	44	23	21	2	1	...	...	21	20	25.8	2	12	7.0
Sioux Lookout	1877	62	29	33	33.0	20	13	7	1	1	1	...	11	6	10.6	...	32	17.0
Southampton	1354	22	12	10	16.2	17	7	10	...	3	...	1	7	6	12.5	...	12	8.8
Stayner	1000	21	10	11	21.0	10	4	6	...	...	...	...	4	6	10.0	4	11	11.0
Strathroy	2911	94	52	42	32.2	97	59	38	5	1	1	1	53	36	33.3	3	38	13.0
Sturgeon Falls	4993	186	102	84	37.2	55	32	23	19	4	1	1	12	18	11.0	10	32	6.4
Tecumseh	2432	54	34	20	22.2	13	9	4	...	...	...	...	9	3	5.3	4	23	9.4
Thessalon	1583	56	28	28	35.3	28	16	12	2	1	2	1	12	10	17.6	1	20	12.6
Thorold	4985	52	32	20	10.4	45	26	19	5	...	...	...	21	19	9.0	3	38	7.6
Tilbury	1992	36	17	19	18.0	14	7	7	...	1	...	...	7	6	7.0	3	40	20.0
Tillsonburg	3702	178	89	89	48.0	96	52	44	6	5	2	1	44	38	25.9	5	68	18.3
Uxbridge	1479	21	12	9	14.1	28	18	10	2	...	...	...	16	10	18.9	1	12	8.1
Vankleek Hill	1288	41	21	20	32.6	21	9	12	1	2	...	...	8	10	16.3	5	31	24.0
Walkerton	2424	76	42	34	31.3	55	32	23	4	2	1	...	27	21	22.6	3	27	11.1
Wallaceburg	4537	77	39	38	16.9	42	24	18	1	1	...	...	23	17	9.2	3	39	8.5
Wiarton	1766	52	31	21	29.4	16	10	6	1	1	1	...	8	5	9.0	...	24	13.5
Wingham	2115	55	28	27	26.0	38	20	18	2	1	...	...	18	17	17.9	2	16	7.5

Table 6—Births (exclusive of Stillbirths) by Months, Classified as Rural and Urban, in the Province of Ontario by Counties—1936

Province and Counties	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Ontario	**62451**	**5102**	**5099**	**5621**	**5233**	**5540**	**5372**	**5660**	**5241**	**5149**	**5015**	**4568**	**4851**
Rural	20403	1709	1674	1856	1710	1834	1765	1812	1744	1690	1623	1454	1532
Urban*	42048	3393	3425	3765	3523	3706	3607	3848	3497	3459	3392	3114	3319
Addington	130	9	8	7	9	19	13	13	12	8	10	13	9
Rural	130	9	8	7	9	19	13	13	12	8	10	13	9
Algoma	1039	83	93	96	90	106	94	95	86	64	78	86	68
Rural	305	22	31	25	29	34	26	22	26	21	18	32	19
Urban	734	61	62	71	61	72	68	73	60	43	60	54	49
Sault Ste. Marie, c	554	43	47	54	51	55	48	55	48	32	41	40	40
Blind River, t	124	14	11	13	4	7	15	13	7	9	16	10	5
Thessalon, t	56	4	4	4	6	10	5	5	5	2	3	4	4
Brant	949	97	68	95	76	79	95	87	83	61	66	67	75
Rural	193	20	17	14	17	16	22	11	22	12	16	15	11
Urban	756	77	51	81	59	63	73	76	61	49	50	52	64
Brantford, c	666	68	48	68	49	53	64	68	54	45	46	45	58
Paris, t	90	9	3	13	10	10	9	8	7	4	4	7	6
Bruce	707	73	63	60	66	67	54	55	66	58	48	49	48
Rural	524	56	55	47	45	46	40	43	52	41	36	33	30
Urban	183	17	8	13	21	21	14	12	14	17	12	16	18
Chesley, t	31	6	.....	1	1	2	3	3	2	4	4	1	4
Kincardine, t	2	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....
Southampton, t	22	.....	3	3	5	2	1	1	2	2	1	1	1
Walkerton, t	76	10	3	4	7	12	4	6	5	7	3	6	9
Wiarton, t	52	1	2	5	8	4	6	2	5	4	4	7	4
Carleton	3534	283	291	293	293	326	298	335	279	296	303	274	263
Rural	331	24	24	26	30	38	31	36	25	31	28	16	22
Urban	3203	259	267	267	263	288	267	299	254	265	275	258	241
Ottawa, c	3028	252	252	250	250	267	257	282	237	250	260	237	234
Eastview, t	175	7	15	17	13	21	10	17	17	15	15	21	7
Cochrane	2000	176	161	183	181	160	165	193	167	193	143	127	151
Rural	967	85	75	84	86	78	80	96	72	95	73	66	77
Urban	1033	91	86	99	95	82	85	97	95	98	70	61	74
Cochrane, t	135	13	12	9	10	13	15	10	16	11	7	7	12
Iroquois Falls, t	56	8	4	6	5	5	2	8	4	6	1	3	4
Kapuskasing, t	155	17	9	17	12	12	20	16	14	14	12	5	7
Timmins, t	687	53	61	67	68	52	48	63	61	67	50	46	51
Dufferin	250	20	23	20	19	18	23	33	27	20	21	8	18
Rural	153	12	14	11	15	9	15	17	16	13	12	8	11
Urban	97	8	9	9	4	9	8	16	11	7	9	.....	7
Orangeville, t	97	8	9	9	4	9	8	16	11	7	9	.....	7
Dundas	268	21	18	17	24	19	28	22	16	28	26	24	25
Rural	268	21	18	17	24	19	28	22	16	28	26	24	25
Durham	353	29	27	35	31	40	26	24	31	29	28	24	29
Rural	158	11	13	19	13	21	15	11	12	11	10	13	9
Urban	195	18	14	16	18	19	11	13	19	18	18	11	20
Bowmanville, t	98	10	11	8	7	10	6	7	10	8	4	7	10
Port Hope, t	97	8	3	8	11	9	5	6	9	10	14	4	10
Elgin	584	41	43	54	52	46	47	49	42	53	55	50	52
Rural	272	24	17	23	23	21	21	20	20	28	25	26	24
Urban	312	17	26	31	29	25	26	29	22	25	30	24	28
St. Thomas, c	291	16	25	28	24	25	25	28	20	21	28	24	27
Aylmer, t	21	1	1	3	5	.....	1	1	2	4	2	.....	1
Essex	3083	263	251	229	264	244	257	266	274	258	243	240	294
Rural	614	48	50	51	47	42	56	50	56	53	58	51	52
Urban	2469	215	201	178	217	202	201	216	218	205	185	189	242
Windsor, c	2111	180	173	159	175	175	174	196	182	177	157	159	204
Amherstburg, t	34	2	4	.....	5	2	4	1	8	.....	1	5	2
Essex, t	20	3	2	1	3	1	1	1	1	1	1	2	3
Kingsville, t	43	2	5	3	7	3	5	1	1	3	2	5	6
Leamington, t	143	11	10	10	13	10	8	10	15	15	15	12	14
Riverside, t	64	9	2	1	7	7	5	2	7	6	6	3	9
Tecumseh, t	54	8	5	4	7	4	4	5	4	3	3	3	4
Frontenac	922	69	73	71	62	96	91	85	76	80	86	59	74
Rural	248	20	19	20	15	27	24	19	22	21	25	15	21
Urban	674	49	54	51	47	69	67	66	54	59	61	44	53
Kingston, c	674	49	54	51	47	69	67	66	54	59	61	44	53
Glengarry	303	24	30	28	17	22	32	30	29	29	21	22	19
Rural	246	17	23	24	16	19	26	22	21	25	17	19	17
Urban	57	7	7	4	1	3	6	8	8	4	4	3	2
Alexandria, t	57	7	7	4	1	3	6	8	8	4	4	3	2
Grenville	194	13	13	22	15	22	12	16	10	22	26	11	12
Rural	159	12	10	21	14	17	12	10	10	17	20	8	8
Urban	35	1	3	1	1	5	.....	6	.....	5	6	3	4
Prescott, t	35	1	3	1	1	5	.....	6	.....	5	6	3	4
Grey	952	75	74	88	70	102	80	77	67	76	92	80	71
Rural	472	48	30	43	38	54	40	38	28	40	38	41	34
Urban	480	27	44	45	32	48	40	39	39	36	54	39	37
Owen Sound, c	327	20	24	35	20	31	25	25	27	26	41	29	24
Durham, t	44	1	5	2	4	4	3	2	5	1	8	3	6
Hanover, t	61	4	10	6	5	8	6	6	5	3	3	3	2
Meaford, t	48	2	5	2	3	5	6	6	2	6	2	4	5

Table 6—Births (exclusive of Stillbirths) by Months, Classified as Rural and Urban, in the Province of Ontario by Counties, 1936—Continued

Province and Counties	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Haldimand	310	28	21	22	19	27	32	34	31	27	22	23	24
Rural	215	20	11	13	12	20	15	23	25	21	16	17	22
Urban	95	8	10	9	7	7	17	11	6	6	6	6	2
Dunnville, t	95	8	10	9	7	7	17	11	6	6	6	6	2
Haliburton	179	17	17	11	13	17	23	13	16	14	10	13	15
Rural	179	17	17	11	13	17	23	13	16	14	10	13	15
Halton	296	22	28	27	32	19	30	31	24	21	17	17	28
Rural	156	12	13	19	18	7	15	13	14	12	10	11	12
Urban	140	10	15	8	14	12	15	18	10	9	7	6	16
Burlington, t	34	1	1	4	5	5	1	3	3	3	3	.....	5
Georgetown, t	22	3	3	1	2	3	.....	2	3	.....	1	1	3
Milton, t	25	1	1	2	4	1	5	5	.....	2	1	2	1
Oakville, t	59	5	10	1	3	3	9	8	4	4	2	3	7
Hastings	1297	96	109	121	95	119	118	140	115	112	95	91	86
Rural	707	59	63	66	58	77	60	67	62	60	53	40	42
Urban	590	37	46	55	37	42	58	73	53	52	42	51	44
Belleville, c	430	30	26	41	25	31	40	56	41	37	35	37	31
Deseronto, t	20	2	3	.....	2	3	.....	3	1	1	1	3	1
Trenton, t	140	5	17	14	10	8	18	14	11	14	6	11	12
Huron	684	53	48	77	54	57	59	71	53	55	53	50	54
Rural	407	30	33	48	35	33	30	48	36	21	30	31	32
Urban	277	23	15	29	19	24	29	23	17	34	23	19	22
Clinton, t	63	4	2	7	4	4	7	8	1	7	9	3	7
Goderich, t	98	7	5	5	5	10	12	9	10	12	8	4	11
Seaforth, t	61	7	7	6	5	2	6	3	6	11	4	3	1
Wingham, t	55	5	1	11	5	8	4	3	.....	4	2	9	3
Kenora	511	51	46	47	37	52	38	42	38	45	46	28	41
Rural	111	14	15	9	13	15	5	5	3	9	8	8	7
Urban	400	37	31	38	24	37	33	37	35	36	38	20	34
Dryden, t	100	14	8	3	8	12	8	10	7	10	10	1	9
Keewatin, t	6	1	.....	.....	3	.....	.....	.....	1	.....	1	.....	.....
Kenora, t	232	17	19	28	9	17	21	22	21	21	21	15	21
Sioux Lookout, t	62	5	4	7	4	8	4	5	6	5	6	4	4
Kent	1193	106	88	123	91	108	67	97	102	103	102	105	101
Rural	445	35	36	48	35	37	29	36	47	39	36	35	32
Urban	748	71	52	75	56	71	38	61	55	64	66	70	69
Chatham, c	578	55	41	59	47	50	32	45	39	50	52	57	51
Blenheim, t	19	.....	1	2	1	3	.....	1	1	2	4	3	1
Dresden, t	13	2	.....	1	.....	5	1	.....	1	1	.....	.....	2
Ridgetown, t	25	1	4	4	.....	3	.....	1	1	2	3	4	2
Tilbury, t	36	7	.....	3	2	4	2	5	4	2	3	3	1
Wallaceburg, t	77	6	6	6	6	6	3	9	9	7	4	3	12
Lambton	974	83	78	92	89	78	89	77	87	79	78	64	80
Rural	419	36	28	36	44	35	40	30	39	37	30	32	32
Urban	555	47	50	56	45	43	49	47	48	42	48	32	48
Sarnia, c	433	38	37	42	33	32	43	40	34	36	33	25	40
Forest, t	16	1	2	2	2	2	1	2	.....	.....	4	.....	.....
Petrolia, t	106	8	11	12	10	9	5	5	14	6	11	7	8
Lanark	594	50	48	53	65	46	62	41	47	57	45	37	43
Rural	161	17	10	14	22	19	15	7	13	11	14	7	12
Urban	433	33	38	39	43	27	47	34	34	46	31	30	31
Almonte, t	106	5	8	7	8	9	12	6	12	11	10	11	7
Carleton Place, t	46	5	3	5	4	1	5	4	5	6	3	1	4
Perth, t	136	6	15	10	14	6	19	11	9	13	8	11	14
Smiths Falls, t	145	17	12	17	17	11	11	13	8	16	10	7	6
Leeds	597	50	31	54	49	59	57	51	42	49	56	46	53
Rural	278	29	12	25	22	34	25	22	18	23	27	14	27
Urban	319	21	19	29	27	25	32	29	24	26	29	32	26
Brockville, t	252	15	16	22	18	20	25	25	18	22	27	20	24
Gananoque, t	67	6	3	7	9	5	7	4	6	4	2	12	2
Lennox	138	8	15	12	15	17	7	14	15	10	12	8	5
Rural	98	6	9	8	9	12	6	9	13	8	11	4	3
Urban	40	2	6	4	6	5	1	5	2	2	1	4	2
Napanee, t	40	2	6	4	6	5	1	5	2	2	1	4	2
Lincoln	878	61	63	72	78	68	80	103	82	75	66	75	55
Rural	216	21	15	16	26	11	14	29	17	15	20	18	14
Urban	662	40	48	56	52	57	66	74	65	60	46	57	41
St. Catharines, c	577	38	38	51	47	48	57	64	57	49	43	47	38
Grimsby, t	50	2	2	4	5	7	2	6	4	4	3	8	3
Merritton, t	12	.....	3	.....	.....	.....	2	1	1	4	.....	1	.....
Niagara, t	23	.....	5	1	.....	2	5	3	3	3	.....	1	.....
Manitoulin	257	21	23	21	23	24	17	21	30	18	20	22	17
Rural	238	18	19	20	18	24	15	21	27	17	20	22	17
Urban	19	3	4	1	5	.....	2	.....	3	1	.....	.....	.....
Little Current, t	19	3	4	1	5	.....	2	.....	3	1	.....	.....	.....
Middlesex	1881	154	156	177	171	140	153	172	176	167	155	124	136
Rural	377	34	28	38	25	25	32	36	35	34	36	25	29
Urban	1504	120	128	139	146	115	121	136	141	133	119	99	107
London, c	1410	113	124	134	131	108	113	125	132	124	114	94	98
Strathroy, t	94	7	4	5	15	7	8	11	9	9	5	5	9
Muskoka	378	31	33	44	29	33	38	36	34	28	27	22	23
Rural	191	18	19	15	15	18	23	22	15	11	16	9	10
Urban	187	13	14	29	14	15	15	14	19	17	11	13	13
Bracebridge, t	90	7	10	17	5	6	5	10	10	8	3	7	2
Gravenhurst, t	32	4	2	5	3	4	1	.....	3	4	2	2	2
Huntsville, t	65	2	2	7	6	5	9	4	6	5	6	4	9

Table 6—Births (exclusive of Stillbirths) by Months, Classified as Rural and Urban, in the Province of Ontario by Counties, 1936—Continued

Province and Counties	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Nipissing	1190	103	118	145	97	98	96	98	102	87	86	78	82
Rural	494	43	36	60	42	40	44	40	44	38	39	34	34
Urban	696	60	82	85	55	58	52	58	58	49	47	44	48
North Bay, c	393	38	41	50	39	33	29	25	28	31	30	22	27
Cache Bay, t	38	2	2	2	.....	6	.....	7	8	2	4	1	4
Mattawa, t	79	7	12	8	7	5	6	7	6	6	3	9	3
Sturgeon Falls, t	186	13	27	25	9	14	17	19	16	10	10	12	14
Norfolk	625	56	47	62	49	49	55	55	62	47	45	49	49
Rural	367	35	27	31	26	28	34	29	35	31	25	32	34
Urban	258	21	20	31	23	21	21	26	27	16	20	17	15
Simcoe, t	258	21	20	31	23	21	21	26	27	16	20	17	15
Northumberland	464	35	52	40	32	50	38	50	40	40	34	29	24
Rural	265	21	28	26	19	27	24	28	21	27	16	13	15
Urban	199	14	24	14	13	23	14	22	19	13	18	16	9
Campbellford, t	55	6	5	6	4	7	3	3	5	3	4	8	1
Cobourg, t	144	8	19	8	9	16	11	19	14	10	14	8	8
Ontario	942	97	81	71	66	70	73	98	98	69	75	76	68
Rural	363	38	36	31	28	27	25	35	41	22	28	26	26
Urban	579	59	45	40	38	43	48	63	57	47	47	50	42
Oshawa, c	524	49	44	37	33	40	45	60	50	43	43	44	36
Uxbridge, t	21	4	.....	1	3	.....	2	2	2	.....	1	3	3
Whitby, t	34	6	1	2	2	3	1	1	5	4	3	3	3
Oxford	852	70	79	65	67	76	69	66	87	82	76	61	54
Rural	292	21	23	28	26	24	22	20	27	30	24	23	24
Urban	560	49	56	37	41	52	47	46	60	52	52	38	30
Woodstock, c	236	21	28	19	18	12	18	24	26	22	18	15	15
Ingersoll, t	146	11	12	9	12	16	12	9	13	16	19	10	7
Tillsonburg, t	178	17	16	9	11	24	17	13	21	14	15	13	8
Parry Sound	670	42	52	52	62	75	63	64	55	53	56	48	48
Rural	441	27	35	34	36	49	43	47	39	34	32	34	31
Urban	229	15	17	18	26	26	20	17	16	19	24	14	17
Parry Sound, t	229	15	17	18	26	26	20	17	16	19	24	14	17
Peel	364	27	21	38	21	38	36	37	24	30	33	32	27
Rural	172	14	11	21	9	18	16	18	11	14	16	11	13
Urban	192	13	10	17	12	20	20	19	13	16	17	21	14
Brampton, t	192	13	10	17	12	20	20	19	13	16	17	21	14
Perth	760	39	63	61	68	78	71	71	70	68	58	57	56
Rural	295	15	32	29	22	36	34	23	27	23	18	19	17
Urban	465	24	31	32	46	42	37	48	43	45	40	38	39
Stratford, c	348	15	21	26	33	34	21	36	37	34	30	29	32
Listowell, t	71	7	4	3	8	5	9	7	3	8	5	7	5
Mitchell, t	9	.....	1	.....	3	.....	.....	1	1	2	.....	1	.....
St. Mary's, t	37	2	5	3	2	3	7	4	2	1	5	1	2
Peterborough	846	55	62	79	79	74	78	77	85	69	74	68	46
Rural	225	16	14	27	19	20	22	17	22	20	19	21	8
Urban	621	39	48	52	60	54	56	60	63	49	55	47	38
Peterborough, c	621	39	48	52	60	54	56	60	63	49	55	47	38
Prescott	641	54	45	54	59	42	58	50	52	65	52	57	53
Rural	397	31	34	35	39	23	38	34	31	35	34	34	29
Urban	244	23	11	19	20	19	20	16	21	30	18	23	24
Hawkesbury, t	203	21	8	13	20	16	19	12	15	23	17	18	21
Vankleek Hill, t	41	2	3	6	.....	3	1	4	6	7	1	5	3
Prince Edward	253	19	26	22	28	18	26	22	20	24	18	16	14
Rural	125	10	12	11	14	7	12	9	12	13	9	7	9
Urban	128	9	14	11	14	11	14	13	8	11	9	9	5
Picton, t	128	9	14	11	14	11	14	13	8	11	9	9	5
Rainy River	434	37	41	39	31	33	45	40	36	31	38	34	29
Rural	216	20	21	23	16	20	24	16	14	17	21	12	12
Urban	218	17	20	16	15	13	21	24	22	14	17	22	17
Fort Frances, t	141	11	11	13	11	8	11	19	14	10	7	13	13
Rainy River, t	77	6	9	3	4	5	10	5	8	4	10	9	4
Renfrew	1082	104	91	109	73	107	93	86	100	105	77	74	63
Rural	551	46	47	57	39	47	41	49	63	59	37	34	32
Urban	531	58	44	52	34	60	52	37	37	46	40	40	31
Arnprior, t	66	6	3	6	8	5	8	4	1	9	7	6	3
Pembroke, t	310	35	27	31	15	36	30	21	21	27	25	23	19
Renfrew, t	155	17	14	15	11	19	14	12	15	10	8	11	9
Russell	470	36	40	41	39	52	32	40	45	42	35	31	37
Rural	426	34	38	35	35	45	31	38	42	34	33	27	34
Urban	44	2	2	6	4	7	1	2	3	8	2	4	3
Rockland, t	44	2	2	6	4	7	1	2	3	8	2	4	3
Simcoe	1449	113	110	136	134	115	110	135	141	105	118	127	105
Rural	485	34	39	48	48	47	34	49	43	34	34	41	34
Urban	964	79	71	88	86	68	76	86	98	71	84	86	71
Alliston, t	74	10	7	4	7	2	5	8	5	4	9	10	3
Barrie, t	200	15	17	23	19	13	11	21	20	18	14	11	18
Collingwood, t	127	13	7	6	9	4	14	12	14	8	13	14	13
Midland, t	200	15	15	20	20	12	14	10	24	17	20	17	16
Orillia, t	246	14	17	22	21	25	22	23	22	15	21	27	17
Penetanguishene, t	96	8	8	11	8	10	8	11	10	8	5	6	3
Stayner, t	21	4	.....	2	2	2	2	1	3	1	2	1	1
Stormont	1025	83	69	105	84	100	96	82	69	80	84	82	91
Rural	462	41	28	46	41	46	39	36	34	38	33	38	42
Urban	563	42	41	59	43	54	57	46	35	42	51	44	49
Cornwall, t	563	42	41	59	43	54	57	46	35	42	51	44	49

Table 6—Births (exclusive of Stillbirths) by Months, Classified as Rural and Urban, in the Province of Ontario by Counties, 1936—Continued

Province and Counties	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dce.
Sudbury	1990	155	163	184	163	171	191	187	159	174	161	130	152
Rural	932	70	72	93	82	84	83	84	77	80	76	60	71
Urban	1058	85	91	91	81	87	108	103	82	94	85	70	81
Sudbury, c	979	76	84	84	75	79	99	101	76	87	79	64	75
Capreol, t	30	3	3	2	2	4	3	2	2	3	3	1	2
Coppercliff, t	49	6	4	5	4	4	6	.....	4	4	3	5	4
Thunder Bay	1184	103	107	109	107	115	99	106	107	101	82	66	82
Rural	158	15	8	18	14	9	17	16	17	11	12	8	13
Urban	1026	88	99	91	93	106	82	90	90	90	70	58	69
Fort William, c	485	33	48	51	47	53	40	38	47	42	33	21	32
Port Arthur, c	541	55	51	40	46	53	42	52	43	48	37	37	37
Timiskaming	1193	95	96	103	101	98	117	109	103	87	103	67	114
Rural	369	28	35	31	34	37	33	38	25	27	30	16	35
Urban	824	67	61	72	67	61	84	71	78	60	73	51	79
Cobalt, t	87	5	7	10	9	6	9	9	5	4	5	5	13
Englehart, t	103	8	8	11	9	6	13	2	9	8	15	6	8
Haileybury, t	71	6	4	6	9	8	6	8	3	6	4	4	7
Kirkland Lake	504	43	38	42	36	35	53	42	58	39	42	32	44
New Liskeard, t	59	5	4	3	4	6	3	10	3	3	7	4	7
Victoria	405	25	34	36	33	53	41	26	36	35	26	26	34
Rural	186	6	17	17	14	26	20	10	16	13	12	17	18
Urban	219	19	17	19	19	27	21	16	20	22	14	9	16
Lindsay, t	219	19	17	19	19	27	21	16	20	22	14	9	16
Waterloo	1524	133	127	148	129	137	129	122	114	113	125	109	138
Rural	345	37	36	29	21	23	31	31	21	28	27	28	33
Urban	1179	96	91	119	108	114	98	91	93	85	98	81	105
Galt, c	267	24	19	30	29	30	26	17	17	15	19	17	24
Kitchener, c	743	58	54	77	68	70	62	62	61	54	62	50	65
Elmira, t	20	1	3	2	3	2	.....	2	.....	1	2	1	3
Hespeler, t	32	5	1	4	4	2	1	1	6	3	1	3	1
Preston, t	59	7	4	2	3	6	4	5	4	6	8	6	4
Waterloo, t	58	1	10	4	1	4	5	4	5	6	6	4	8
Welland	1289	94	100	102	112	116	90	120	104	120	112	110	109
Rural	372	23	31	26	32	27	26	36	33	33	34	36	35
Urban	917	71	69	76	80	89	64	84	71	87	78	74	74
Niagara Falls, c	384	32	38	34	26	38	23	32	26	37	32	34	32
Welland, c	313	22	18	24	36	26	27	28	28	28	29	24	23
Fort Erie, t	87	7	4	7	6	9	5	13	4	11	7	6	8
Port Colborne, t	81	3	6	9	7	9	6	8	8	9	6	5	5
Thorold, t	52	7	3	2	5	7	3	3	5	2	4	5	6
Wellington	981	92	80	91	76	88	87	102	78	71	75	62	79
Rural	592	56	48	54	41	59	60	50	48	42	51	35	48
Urban	389	36	32	37	35	29	27	52	30	29	24	27	31
Guelph, c	299	27	23	25	27	24	20	41	22	24	18	23	25
Harriston, t	9	.....	.....	.....	.....	.....	1	2	2	1	1	2	.....
Mount Forest, t	51	7	7	8	4	1	5	4	2	2	3	2	6
Palmerston, t	30	2	2	4	4	4	1	5	4	2	2	.....	.....
Wentworth	2979	238	226	252	260	275	247	249	283	248	241	213	247
Rural	197	12	15	16	15	21	17	15	19	15	14	15	23
Urban	2782	226	211	236	245	254	230	234	264	233	227	198	224
Hamilton, c	2758	224	210	235	245	249	229	230	260	233	225	197	221
Dundas, t	24	2	1	1	.....	5	1	4	4	.....	2	1	3
York	13404	1090	1129	1226	1134	1182	1147	1245	1014	1068	1081	1007	1081
Rural	2438	221	219	212	212	200	199	233	192	196	200	167	187
Urban	10966	869	910	1014	922	982	948	1012	822	872	881	840	894
Toronto, c	10391	831	871	963	871	916	917	955	781	816	841	788	841
Aurora, t	17	.....	.....	1	2	2	1	4	1	2	.....	2	2
Long Branch, t	35	2	.....	3	3	5	4	4	3	1	3	2	5
Mimico, t	120	3	11	10	10	11	8	12	10	20	6	10	9
Newmarket, t	180	10	12	22	9	29	7	16	12	10	17	14	22
New Toronto, t	86	12	5	4	11	4	7	14	4	11	5	4	5
Weston, t	108	7	10	10	11	11	4	4	7	11	6	18	9
Forest Hill	11	2	.....	.....	3	2	.....	.....	2	1	.....	1	.....
Swansea	18	2	1	1	2	2	.....	3	2	.....	3	1	1

*Kirkland Lake is included though not incorporated as a manicipality.

Table 7—Total Births (exclusive of Stillbirths) and Births in Institutions, Showing the Number of Mothers Non-resident in the Province of Ontario, 1936

	All Live Births		In Institutions	
	Total	Births to mothers non-resident in Province	Total	Births to mothers non-resident in Province
Total for the Province	62,451	357	30,462	285

Table 8—Births (exclusive of Stillbirths) to Resident and Non-Resident Mothers, and Births in Institutions, in the Cities and Towns of 5,000 Population and over, in the Province of Ontario, 1936.

Cities and Towns	All Births				Births in Institutions				Births Elsewhere Than in Institutions			
	Total	To resident mothers	To mothers non-resident in city or town where birth occurred and		Total	To resident mothers	To mothers non-resident in city or town where birth occurred and		Total	To resident mothers	To mothers non-resident in city or town where birth occurred and	
			Resident in Province	Non-resident in Province			Resident in Province	Non-resident in Province			Resident in Province	Non-resident in Province
Cities:												
Belleville	430	254	176	.....	330	160	170	.....	100	94	6	.....
Brantford	666	544	119	3	513	400	110	3	153	144	9	.....
Chatham	578	262	312	4	470	163	303	4	108	99	9	.....
Fort William	485	374	110	1	365	264	100	1	120	110	10	.....
Galt	267	194	73	.....	210	137	73	.....	57	57	.....	.....
Guelph	299	222	76	1	202	129	72	1	97	93	4	.....
Hamilton	2,758	2,384	361	13	1,990	1,639	340	11	768	745	21	2
Kingston	674	436	235	3	567	344	220	3	107	92	15	.....
Kitchener	743	585	158	.....	510	355	155	.....	233	230	3	.....
London	1,410	1,088	321	1	1,199	881	317	1	211	207	4	.....
Niagara Falls	384	300	80	4	319	238	78	3	65	62	2	1
North Bay	393	307	83	3	220	151	66	3	173	156	17	.....
Oshawa	524	473	50	1	288	243	45	.....	236	230	5	1
Ottawa	3,028	2,467	435	126	2,377	1,831	424	122	651	636	11	4
Owen Sound	327	233	93	1	219	136	82	1	108	97	11	.....
Peterborough	621	460	161	.....	514	356	158	.....	107	104	3	.....
Port Arthur	541	328	211	2	498	292	204	2	43	36	7	.....
St. Catharines	577	396	177	4	474	299	171	4	103	97	6	.....
St. Thomas	291	192	98	1	261	169	92	.....	30	23	6	1
Sarnia	433	326	103	4	328	225	99	4	105	101	4	.....
Sault Ste. Marie	554	455	97	2	316	238	78	.....	238	217	19	2
Stratford	348	241	105	2	271	165	104	2	77	76	1	.....
Sudbury	979	744	232	3	539	332	205	2	440	412	27	1
Toronto	10,391	8,495	1,857	39	7,946	6,101	1,811	34	2,445	2,394	46	5
Welland	313	189	122	2	199	76	121	2	114	113	1	.....
Windsor	2,111	1,887	206	18	1,066	860	191	15	1,045	1,027	15	3
Woodstock	236	166	70	.....	181	112	69	.....	55	54	1	.....
Towns:												
Barrie	200	116	83	1	147	74	72	1	53	42	11	.....
Brampton	192	88	104	.....	170	67	103	.....	22	21	1	.....
Brockville	252	156	93	3	239	144	93	2	13	12	.....	1
Cobourg	144	80	63	1	111	49	61	1	33	31	2	.....
Collingwood	127	83	44	.....	80	40	40	.....	47	43	4	.....
Cornwall	563	421	130	12	398	260	126	12	165	161	4	.....
Eastview	175	168	6	1	.....	.....	.....	.....	175	168	6	1
Forest Hill	11	11	.....	.....	1	1	.....	.....	10	10	.....	.....
Fort Erie	87	65	21	1	54	33	20	1	33	32	1	.....
Fort Francis	141	113	27	1	39	24	15	.....	102	89	12	1
Hawkesbury	203	182	9	12	27	16	7	4	176	166	2	8
Ingersoll	146	90	56	.....	104	52	52	.....	42	38	4	.....
Kenora	232	154	75	3	206	133	70	3	26	21	5	.....
Kirkland Lake	504	467	32	5	167	135	28	4	337	332	4	1
Leamington	143	95	48	.....	83	38	45	.....	60	57	3	.....
Lindsay	219	108	111	.....	184	74	110	.....	35	34	1	.....
Midland	200	125	75	.....	130	58	72	.....	70	67	3	.....
Mimico	120	73	47	.....	71	25	46	.....	49	48	1	.....
New Toronto	86	82	4	.....	2	.....	2	.....	84	82	2	.....
Orillia	246	138	108	.....	187	88	99	.....	59	50	9	.....
Pembroke	310	209	92	9	145	64	75	6	165	145	17	3
Port Colborne	81	77	4	.....	5	1	4	.....	76	76	.....	.....
Preston	59	50	9	.....	7	6	1	.....	52	44	8	.....
Renfrew	155	98	54	3	103	52	48	3	52	46	6	.....
Riverside	64	62	2	.....	.....	.....	.....	.....	64	62	2	.....
Simcoe	258	110	147	1	213	69	144	.....	45	41	3	1
Smiths Falls	145	108	36	1	112	77	34	1	33	31	2	.....
Swansea	18	17	1	.....	.....	.....	.....	.....	18	17	1	.....
Timmins	687	624	63	.....	177	135	42	.....	510	489	21	.....
Trenton	140	129	11	.....	.....	.....	.....	.....	140	129	11	.....
Waterloo	58	57	1	.....	.....	.....	.....	.....	58	57	1	.....
Weston	108	62	46	.....	62	19	43	.....	46	43	3	.....
Whitby	34	30	4	.....	1	.....	1	.....	33	30	3	.....

Table 9—Births (exclusive of Stillbirths) Classified as Legitimate or Illegitimate and as Single or Plural by Sex, for Cities and Towns of 5,000 and over, for the Province of Ontario—1936

Province, Cities and Towns	Total births			Legitimate			Illegitimate			Single births			Twin births			Triplets		
	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total
Total for the Province	**32124**	**30327**	**62451**	**30678**	**28985**	**59663**	**1446**	**1342**	**2788**	**31493**	**29718**	**61211**	**623**	**599**	**611**	**8**	**10**	**6**
Cities and Towns of 5,000 and over:																		
Barrie	108	92	200	105	89	194	3	3	6	102	92	194	6	.....	3	.....	.....	.....
Belleville	221	209	430	207	199	406	14	10	24	221	209	430	.....	.....	.....	.....	.....	.....
Brampton	94	98	192	92	96	188	2	2	4	93	97	190	1	1	1	.....	.....	.....
Brantford	337	329	666	328	318	646	9	11	20	334	320	654	3	9	6	.....	.....	.....
Brockville	148	104	252	139	97	236	9	7	16	148	102	250	.....	2	1	.....	.....	.....
Chatham	292	286	578	277	273	550	15	13	28	283	283	566	9	3	6	.....	.....	.....
Cobourg	65	79	144	64	75	139	1	4	5	65	77	142	.....	2	1	.....	.....	.....
Collingwood	70	57	127	66	55	121	4	2	6	70	57	127	.....	.....	.....	.....	.....	.....
Cornwall	309	254	563	295	245	540	14	9	23	302	249	551	7	5	6	.....	.....	.....
Eastview	90	85	175	89	84	173	1	1	2	89	80	169	1	5	3	.....	.....	.....
Forest Hill	5	6	11	5	5	10	.....	1	1	5	6	11	.....	.....	.....	.....	.....	.....
Fort Erie	45	42	87	45	42	87	.....	.....	.....	43	42	85	2	.....	1	.....	.....	.....
Fort Francis	85	56	141	83	56	139	2	.....	2	83	56	139	2	.....	1	.....	.....	.....
Fort William	268	217	485	257	203	460	11	14	25	262	215	477	6	2	4	.....	.....	.....
Galt	142	125	267	140	120	260	2	5	7	141	124	265	1	1	1	.....	.....	.....
Guelph	142	157	299	141	150	291	1	7	8	138	157	295	4	.....	2	.....	.....	.....
Hamilton	1463	1295	2758	1365	1221	2586	98	74	172	1434	1266	2700	29	29	29	.....	.....	.....
Hawkesbury	94	109	203	91	108	199	3	1	4	91	108	199	3	1	2	.....	.....	.....
Ingersoll	85	61	146	80	57	137	5	4	9	84	60	144	1	1	1	.....	.....	.....
Kenora	108	124	232	106	119	225	2	5	7	107	121	228	1	3	2	.....	.....	.....
Kingston	335	339	674	305	305	610	30	34	64	327	335	662	8	4	6	.....	.....	.....
Kirkland Lake	253	251	504	248	243	491	5	8	13	253	251	504	.....	.....	.....	.....	.....	.....
Kitchener	378	365	743	365	347	712	13	18	31	369	358	727	9	7	8	.....	.....	.....
Leamington	69	74	143	67	72	139	2	2	4	69	72	141	.....	2	1	.....	.....	.....
Lindsay	121	98	219	116	94	210	5	4	9	117	96	213	4	2	3	.....	.....	.....
London	739	671	1410	671	606	1277	68	65	133	726	664	1390	13	7	10	.....	.....	.....
Midland	114	86	200	107	83	190	7	3	10	112	86	198	2	.....	1	.....	.....	.....
Mimico	65	55	120	62	54	116	3	1	4	63	55	118	2	.....	1	.....	.....	.....
New Toronto	38	48	86	38	46	84	.....	2	2	37	47	84	1	1	1	.....	.....	.....
Niagara Falls	210	174	384	204	172	376	6	2	8	206	172	378	4	2	3	.....	.....	.....
North Bay	203	190	393	195	175	370	8	15	23	203	186	389	.....	4	2	.....	.....	.....
Orillia	127	119	246	120	113	233	7	6	13	123	116	239	2	2	2	2	1	1
Oshawa	272	252	524	261	248	509	11	4	15	264	250	514	8	2	5	.....	.....	.....
Ottawa	1545	1483	3028	1421	1362	2783	124	121	245	1531	1459	2990	14	24	19	.....	.....	.....
Owen Sound	160	167	327	151	154	305	9	13	22	157	164	321	3	3	3	.....	.....	.....
Pembroke	150	160	310	143	157	300	7	3	10	147	157	304	3	3	3	.....	.....	.....
Peterborough	341	280	621	327	270	597	14	10	24	329	276	605	12	4	8	.....	.....	.....
Port Arthur	250	291	541	234	272	506	16	19	35	248	285	533	2	6	4	.....	.....	.....
Port Colborne	40	41	81	40	39	79	.....	2	2	40	39	79	.....	2	1	.....	.....	.....
Preston	28	31	59	27	31	58	1	.....	1	28	31	59	.....	.....	.....	.....	.....	.....
Renfrew	71	84	155	69	80	149	2	4	6	68	83	151	3	1	2	.....	.....	.....
Riverside	35	29	64	34	29	63	1	.....	1	35	29	64	.....	.....	.....	.....	.....	.....
St. Catharines	291	286	577	280	274	554	11	12	23	286	277	563	5	9	7	.....	.....	.....
St. Thomas	154	137	291	148	136	284	6	1	7	152	133	285	2	4	3	.....	.....	.....
Sarnia	229	204	433	219	200	419	10	4	14	229	196	425	.....	8	4	.....	.....	.....

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Table 10—Births (exclusive of Stillbirths Classified

Age of Father	Total	AGE OF																
		12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Under 16 years																		
16 years																		
17 "	19					4	3	5	5			1	1					
18 "	90				2	4	11	37	19	12	2	1	1		1			
19 "	270				3	19	39	63	71	37	14	13	5	1		1	1	1
20 "	617			1	5	19	57	111	126	124	85	35	18	15	9	7	2	
21 "	1,152				4	31	70	153	212	218	198	124	61	31	18	17	3	6
22 "	1,681				8	24	62	145	258	319	298	209	145	85	43	29	20	14
23 "	2,217				6	22	66	149	251	345	329	350	300	166	87	49	40	21
24 "	2,614				2	11	48	129	238	315	343	398	350	315	173	120	70	39
25 "	2,895					13	35	105	193	300	353	370	410	333	276	184	123	81
26 "	3,239				2	9	25	97	138	249	324	407	391	414	366	313	203	112
27 "	3,207					7	21	56	93	156	248	296	347	395	400	339	345	204
28 "	3,476				3	7	20	56	98	147	230	275	294	353	388	385	394	334
29 "	3,366				1	3	14	29	70	107	168	196	288	310	345	337	352	388
30 "	3,237				1	5	11	19	58	91	112	156	195	271	292	311	348	327
31 "	3,031					2	1	18	33	48	120	113	155	199	230	274	304	327
32 "	3,096				1	1	7	18	26	56	64	121	130	175	214	225	274	304
33 "	2,818				1	2	7	9	22	29	54	77	107	121	163	186	208	248
34 "	2,539				1	1	5	7	16	24	40	60	69	112	105	146	178	172
35 "	2,455				1	1	1	7	8	21	30	38	53	69	108	117	127	156
36 "	2,344					1	1	4	9	17	27	39	36	54	77	118	116	146
37 "	1,774				1		2	2	4	7	11	23	37	36	43	56	82	84
38 "	1,901				1		1	5	3	8	10	16	20	31	61	48	61	123
39 "	1,573							2	2	9	7	8	23	17	27	45	34	73
40 "	1,476							3	2	7	17	18	11	23	36	30	34	36
41 "	1,229								2	1	10	13	9	13	13	18	33	30
42 "	1,226								5	4	7	9	9	12	17	16	27	34
43 "	1,038				1		1	1		4	7	4	10	10	7	11	12	31
44 "	870							1		2	3	9	4	4	10	5	16	16
45 "	755								1	2	3	5	2	2	7	8	13	13
46 "	594							1		2	2	2	1	5	6	10	14	17
47 "	505						1		1	1	2	2	4	4	3	4	8	9
48 "	468						1	2	3	1	2	3	3	4	3	6	4	6
49 "	360								2	1	1	2	1	1	1	3	4	6
50 "	300											1	1	5	3	3	3	4
51 "	205						1			1	1	2	1	1	2		5	5
52 "	176								1				1	1		2		5
53 "	143								1	1			2	1		3	3	2
54 "	129							1				1	1	1	3	2	1	2
55 "	81										1	1			1	2	3	
56 "	81							1		1	1	1			1			
57 "	58									2			1	2	1		1	2
58 "	44									1		1						1
59 "	37									1							1	
60 "	24												1					
61 "	21												2		1	1	1	
62 "	28									1					1	1		
63 "	12																1	
64 "	17															1		
65 and over	55						1						1					3
Not stated	120					1				3	1	4	2		3	1	1	1
Children born to married mothers	59,663			1	44	187	512	1236	1971	2675	3125	3404	3503	3592	3545	3434	3470	3383
Children born to unmarried mothers	2,788		5	24	60	107	179	261	298	271	266	225	179	153	121	96	75	69
Children born to all mothers	62,451		5	25	104	294	691	1497	2269	2946	3391	3629	3682	3745	3666	3530	3545	3452

According to Age of Parents, for the Province of Ontario, 1936

MOTHER

29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50 and over	Not stated
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....
2	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	2
8	4	3	4	....	2	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14	8	5	3	1	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	3
26	18	8	2	2	3	3	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
39	36	13	9	9	8	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1
72	42	26	21	7	8	4	4	....	3	1	....	....	....	....	....	....	....	....	....	....	....	1
117	77	44	28	11	12	3	4	....	1	....	2	....	....	....	....	....	....	....	....	....	....	1
198	132	59	39	26	12	10	7	1	3	1	2	....	....	....	....	....	....	....	....	....	....	2
327	193	94	56	47	16	8	9	4	....	2	1	....	....	....	....	....	....	....	....	....	....	1
314	275	178	104	65	40	30	18	7	7	2	....	....	....	....	....	....	....	....	....	....	....	....
298	321	227	151	91	47	35	16	9	8	1	1	1	1	....	....	....	....	....	....	....	....	....
302	319	250	257	154	78	42	32	21	15	5	1	2	2	....	....	....	....	....	....	....	....	....
269	265	266	223	252	125	67	55	22	15	10	7	3	2	1	1	....	....	....	....	....	....	1
219	249	213	217	227	214	109	81	28	16	13	7	3	1	3	3	....	....	....	....	....	....	....
183	200	220	229	243	206	187	120	60	33	19	4	7	5	1	1	....	....	....	....	....	....	....
153	156	207	198	200	189	193	183	97	68	27	11	8	4	3	1	1	....	....	....	....	....	....
97	124	137	157	145	145	175	152	122	62	36	23	5	2	1	1	....	....	....	....	....	....	1
102	105	113	164	161	132	158	183	134	129	53	31	25	13	7	1	1	....	....	....	1	....	....
91	75	73	122	112	144	146	142	123	136	86	36	21	11	5	3	....	....	....	....	....	....	....
51	81	72	95	85	110	111	138	106	133	97	101	47	26	1	1	3	....	....	....	....	....	1
35	49	72	83	67	84	77	112	95	110	107	81	59	29	18	7	1	1	....	....	....	....	....
41	42	51	73	70	76	85	120	110	115	87	80	55	43	20	11	4	2	....	....	1	....	....
36	27	29	42	66	54	70	78	74	100	97	79	60	60	43	17	5	1	....	1	....	....	....
26	29	35	26	47	61	65	60	54	76	80	71	49	64	35	13	7	1	....	....	1	....	....
26	20	29	23	41	31	57	53	53	71	60	64	52	45	35	28	7	1	1	1	....	1	....
11	14	17	22	25	26	29	57	46	39	42	54	45	35	40	17	8	5	2	....	....	....	....
10	17	14	18	25	25	34	34	44	30	36	44	46	33	17	19	11	5	2	1	....	....	1
12	9	11	19	21	19	37	30	29	47	29	41	27	32	24	19	14	6	1	1	1	1	....
9	7	10	7	14	8	22	24	28	31	39	29	33	24	19	16	8	5	2	1	1	1	....
14	8	8	12	13	14	21	20	16	21	18	23	23	24	18	11	5	4	4	3	....	....	....
7	7	9	6	2	13	12	7	15	12	10	20	28	9	10	8	5	4	2	....	....	....	....
4	6	3	10	9	6	5	12	15	15	16	13	11	22	7	5	6	1	....	....	....	....	....
2	4	1	3	7	8	11	7	6	14	9	7	8	13	12	4	4	4	2	2	....	1	1
3	4	1	3	6	6	9	12	7	10	10	16	8	11	3	5	1	2	....	....	....	....	....
5	3	3	1	2	2	3	4	7	5	8	5	4	6	7	2	2	2	1	....	....	1	....
3	2	....	3	4	5	3	3	5	5	4	5	8	11	4	5	2	3	....	....	1	....	....
3	2	2	3	....	3	3	7	1	3	2	6	2	2	2	4	3	1	....	....	....	....	....
....	....	1	2	1	4	3	3	....	7	1	2	6	3	3	1	2	1	1	....	....	....	....
2	1	....	2	2	2	2	4	....	2	5	2	2	2	3	....	2	....	1	....	....	1	....
3	....	1	....	1	1	1	1	1	1	1	....	3	5	....	2	1	1	....	....	....	....	....
1	....	....	....	1	....	2	....	2	....	....	1	4	....	1	2	....	....	....	2	....	....	....
....	....	....	1	1	....	1	4	....	4	2	1	....	6	3	1	....	....	....	1	....	....	....
....	....	1	1	2	1	....	2	1	....	....	....	....	....	....	1	....	....	....	2	....	....	....
....	1	2	1	....	1	....	1	....	2	1	1	....	1	1	2	....	1	1	....	....	....	....
2	2	3	2	1	2	2	3	5	3	7	5	5	4	....	1	2	1	....	....	....	....	....
1	1	....	2	....	2	2	....	1	1	1	....	....	....	....	....	....	....	....	....	....	....	92
3139	2937	2512	2444	2266	1946	1839	1805	1351	1353	1026	878	661	551	348	213	105	52	20	15	6	6	108
58	38	39	43	36	30	28	22	17	17	9	20	10	6	3	2	....	1	....	1	....	....	19
3197	2975	2551	2487	2302	1976	1867	1827	1368	1370	1035	898	671	557	351	215	105	53	20	16	6	6	127

Table 11—Births (exclusive of Stillbirths) Classified According to Racial Origin of Parents, for the Province of Ontario, 1936

Racial Origin of Father	Total	RACIAL ORIGIN OF MOTHER																																		
		English	Irish	Scottish	Welsh	French	Armenian	Austrian	Belgian	Bulgarian	Chinese	Czech and Slovak	Danish	Dutch	Finnish	German	Greek	Hindu	Hungarian	Icelandic	Indian	Italian	Japanese	Jewish	Negro	Norwegian	Polish	Roumanian	Russian	Serb and Croat	Swedish	Swiss	Syrian	Ukrainian*	Other	Not specified
English	21,132	14008	2502	2660	100	751	...	10	7	1	...	4	13	182	37	536	4	...	3	1	24	34	...	6	1	29	45	2	8	1	39	15	3	34	7	65
Irish	10,236	2744	4442	1541	33	764	...	4	7	...	...	2	6	117	14	363	...	1	1	3	15	36	...	3	...	17	36	7	4	...	25	7	2	17	6	19
Scottish	8,259	2643	1597	3026	54	341	...	5	5	...	...	1	7	129	20	279	2	...	3	1	12	17	...	1	...	15	15	2	6	2	21	7	3	21	2	22
Welsh	346	148	52	66	34	20	...	2	...	...	...	...	...	5	1	10	...	...	...	...	1	1	...	1	...	...	1	...	...	...	...	...	...	...	1	3
French	8,841	664	581	285	9	7018	1	1	7	...	...	2	7	31	9	99	1	...	5	...	22	20	...	...	...	9	29	2	5	...	14	...	...	10	2	8
Armenian	23	4	...	...	...	...	14	...	...	...	...	...	...	1	...	3	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
Austrian	99	7	4	4	...	7	...	40	...	...	...	...	...	...	2	8	...	...	2	...	...	1	...	...	...	...	5	1	3	2	1	...	...	12	...	...
Belgian	160	18	4	3	...	18	...	...	103	...	...	2	...	4	...	4	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	2
Bulgarian	35	3	2	2	...	...	...	...	...	17	...	1	...	...	...	...	1	...	...	...	...	...	...	1	...	...	4	1	1	...	...	...	...	2	...	...
Chinese	41	7	1	1	...	4	...	...	...	...	24	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	1
Czech and Slovak	281	2	...	2	...	4	...	...	...	...	...	246	...	...	2	3	...	...	2	...	...	1	...	1	...	...	3	...	2	2	1	...	...	10	...	...
Danish	103	31	15	11	...	2	...	...	1	...	...	...	29	...	3	4	...	...	1	...	...	...	...	...	...	2	2	...	...	...	1	...	...	1	...	...
Dutch	772	220	140	106	7	38	...	2	7	...	...	...	...	200	1	31	...	...	1	...	4	1	...	...	...	3	3	1	...	...	1	2	...	3	...	1
Finnish	346	10	2	6	...	8	...	1	...	...	...	...	...	...	307	1	...	...	...	...	...	...	...	...	...	2	2	...	...	...	2	...	...	4	1	...
German	2,973	562	302	258	5	126	...	5	1	...	...	6	4	21	6	1602	...	...	3	...	4	6	...	1	...	5	21	5	3	1	8	7	...	5	1	5
Greek	99	10	3	7	...	5	...	...	...	3	...	2	...	3	1	...	57	...	1	...	...	...	...	...	...	...	2	1	1	1	1	...	...	1	1	...
Hungarian	264	8	2	3	...	1	...	...	1	...	...	2	...	1	2	7	...	...	226	...	...	1	...	1	...	...	2	1	1	1	...	...	...	4	...	...
Icelandic	11	4	3	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...
Indian	599	25	8	7	...	11	...	...	...	...	...	...	...	5	...	3	...	...	...	...	536	1	...	...	1	...	1	...	...	...	...	...	...	...	...	1
Italian	1,104	97	52	27	3	52	...	...	1	...	...	2	...	1	6	13	2	...	1	...	4	813	...	1	...	...	11	1	2	...	...	1	1	8	2	3
Japanese	5	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...
Jewish	918	15	4	2	1	4	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	882	...	1	6	...	1	...	...	...	...	...	...	...	1
Negro	130	4	3	1	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	5	1	...	2	111	...	...	...	...	...	...	...	...	...	...	1	...
Norwegian	98	24	11	16	...	8	...	...	1	...	...	...	3	...	7	1	...	...	1	...	2	...	...	...	...	16	...	...	...	...	7	...	...	...	1	...
Polish	820	28	17	8	...	18	...	3	...	1	...	1	...	...	1	15	...	...	1	...	...	1	...	5	...	1	646	4	14	...	...	...	...	53	1	2
Roumanian	107	11	4	1	...	6	...	...	...	...	...	...	...	1	1	2	...	...	3	...	1	1	...	1	...	...	4	52	2	2	...	...	...	13	1	1
Russian	199	15	4	8	...	12	...	11	...	...	...	...	...	...	...	2	...	...	1	...	1	1	...	4	...	1	23	5	71	1	2	2	...	32	...	3
Serb and Croat	221	2	1	...	...	1	...	1	...	...	...	2	...	...	...	6	...	...	1	...	1	2	...	...	...	...	4	...	...	184	...	...	...	13	1	2
Swedish	220	49	22	16	...	17	...	...	1	...	...	...	3	4	16	6	...	...	...	...	1	3	...	...	...	11	...	...	...	...	70	...	...	...	...	1
Swiss	85	27	8	7	1	6	...	...	...	...	...	1	...	2	...	20	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	12	...	...	...	...
Syrian	68	11	4	4	...	5	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	38	1	...	...
Ukranian	640	19	7	8	...	8	...	1	...	1	...	2	...	...	2	5	...	...	...	...	...	4	...	1	...	1	49	5	3	...	...	1	...	522	...	1
Other	94	17	6	3	1	3	...	...	...	...	...	...	1	...	5	1	...	...	...	...	...	3	...	1	...	...	...	...	...	1	...	1	...	6	45	...
Not specified	334	62	17	26	2	11	...	...	...	...	...	...	...	3	...	3	1	...	...	...	2	3	...	...	...	...	1	...	...	...	...	...	1	...	...	202
Children born to married mothers T.	59,663	21499	9820	8117	251	9270	15	86	142	23	24	276	73	712	443	3030	68	1	258	7	635	951	3	912	114	114	917	90	128	198	193	55	49	773	74	343
M.	30,678	11010	5076	4203	119	4769	9	41	57	15	14	139	37	371	226	1595	35	1	140	5	305	498	3	441	59	62	482	47	63	102	105	29	26	379	32	183
F.	28,985	10489	4744	3914	132	4501	6	45	85	8	10	137	36	341	217	1435	33	...	118	2	330	453	...	471	55	52	435	43	65	96	88	26	22	394	42	160

Children born to unmarried mothers	T.	2,788	1001	430	343	9	429	...	6	5	...	1	7	3	30	31	123	1	...	13	1	95	22	...	9	25	6	40	6	6	3	8	1	1	57	4	72
	M.	1,446	538	229	180	2	207	...	4	3	...	1	3	2	17	12	67	...	...	5	...	52	11	...	5	14	2	19	3	3	1	6	1	...	26	2	31
	F.	1,342	463	201	163	7	222	...	2	2	...	...	4	1	13	19	56	1	...	8	1	43	11	...	4	11	4	21	3	3	2	2	...	1	31	2	41
Children born to all mothers.	T.	62,451	22500	10250	8460	260	9699	15	92	147	23	25	283	76	742	474	3153	69	1	271	8	730	973	3	921	139	120	957	96	134	201	201	56	49	830	78	415
	M.	32,124	11548	5305	4383	121	4976	9	45	60	15	15	142	39	388	238	1662	35	1	145	5	357	509	3	446	73	64	501	50	66	103	111	30	26	405	34	214
	F.	30,327	10952	4945	4077	139	4723	6	47	87	8	10	141	37	354	236	1491	34	...	126	3	373	464	...	475	66	56	456	46	68	98	90	26	23	425	44	201

*Including "Galician" and "Bukovinian."

Table 12—Legitimate Births (exclusive of Stillbirths) Classified According

Racial Origin of Mother	Total	AGE OF														
		14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
English	21,499	....	12	81	167	456	743	1041	1249	1343	1338	1313	1365	1328	1294	1159
Irish	9,820	....	8	20	72	171	281	423	469	500	551	567	545	540	541	591
Scottish	8,117	....	3	21	61	145	233	294	363	424	445	426	453	437	486	502
Welsh	251	....	....	....	1	4	4	9	7	13	24	14	17	18	15	6
French	9,270	....	10	32	120	247	352	458	487	550	538	586	557	470	486	471
Armenian	15	....	....	....	....	....	....	....	1	1	....	2	....	1	....	4
Austrian	86	....	....	....	1	....	4	1	7	1	5	5	1	7	5	11
Belgian	142	....	....	2	....	1	3	7	9	13	8	7	4	5	6	6
Bulgarian	23	....	....	1	....	....	....	1	3	1	1	2	1	4	....	....
Chinese	24	....	....	....	....	....	....	1	....	3	2	....	1	1	2	4
Czech and Slovak	276	....	1	....	....	4	2	2	5	10	9	8	8	18	23	27
Danish	73	....	....	....	1	1	1	6	8	2	1	4	2	3	4	6
Dutch	712	....	....	1	7	14	15	40	28	43	36	46	42	46	37	42
Finnish	443	....	....	2	....	8	19	12	22	30	19	26	29	17	28	27
German	3,030	....	4	8	21	55	88	110	132	143	178	179	179	183	190	173
Greek	68	....	....	....	....	1	1	4	2	4	6	8	5	5	10	3
Hindu	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Hungarian	258	....	....	1	6	8	8	14	12	12	12	12	8	14	10	14
Icelandic	7	....	....	....	....	....	....	....	....	....	....	2	....	....	....	1
Indian	635	....	2	4	9	25	27	45	45	30	35	47	31	46	29	24
Italian	951	1	....	4	8	15	38	42	56	54	60	85	55	39	51	54
Japanese	3	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....
Jewish	912	....	....	....	2	3	12	14	39	42	60	81	77	71	76	79
Negro	114	....	....	2	1	10	6	6	8	2	6	10	4	6	4	5
Norwegian	114	....	....	....	4	2	4	9	5	5	8	6	5	3	11	7
Polish	917	....	2	....	8	14	32	47	49	45	53	44	51	60	53	64
Roumanian	90	....	....	....	3	5	6	4	7	7	5	6	1	4	7	4
Russian	128	....	1	1	....	4	7	5	6	7	7	6	11	7	4	6
Serb and Croat	198	....	....	....	4	3	1	8	4	11	7	12	10	13	11	22
Swedish	193	....	....	....	1	4	7	10	15	13	10	11	16	13	13	13
Swiss	55	....	....	....	1	....	....	1	3	2	3	1	3	5	7	3
Syrian	48	....	....	....	....	1	2	1	4	....	1	6	2	6	1	4
Ukrainian*	773	....	....	4	8	27	61	42	57	68	53	42	40	46	43	37
Other	74	....	....	....	....	....	2	3	4	6	1	3	7	4	7	4
Not specified	343	....	1	3	6	8	12	15	19	19	21	25	14	14	16	10
Total	59,663	1	44	187	512	1236	1971	2675	3125	3404	3503	3592	3545	3434	3470	3383

*Including "Galician" and "Bukovinian".

to Age and Racial Origin of Mothers, for the Province of Ontario, 1936

MOTHER

29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50 and over	Not stated
1070	983	871	856	793	633	623	594	477	473	340	278	197	175	100	66	34	21	5	6	3	3	9
544	492	413	411	372	341	349	347	259	252	188	172	144	102	61	57	17	9	2	3	..	..	6
482	448	399	377	340	300	250	266	209	184	146	137	96	77	61	21	18	7	1	..	1	1	3
10	8	17	8	10	11	8	9	9	4	7	9	3	..	1	3	1	..	1	..	..	..	..
432	420	368	339	330	316	280	297	198	211	160	150	128	101	71	47	18	9	7	1	..	1	22
..	1	1	1	1	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	7	4	3	3	4	5	2	1	..	3	1	1	1	1	..	..	..	..	..	1	..	..
3	6	5	8	9	6	9	6	3	3	3	3	3	4	..	..	..	..	..	..	..	..	..
3	..	3	1	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	2	1	..	..	1	..	2	1	1	..	..	1	..	..	..	..	..	..	..	..	..	..
29	17	19	20	22	13	10	15	4	3	4	2	..	1	..	..	..	..	..	..	..	..	..
5	8	..	3	..	3	4	4	2	1	1	2	..	1	..	..	..	..	..	..	..	..	..
43	40	32	37	31	22	19	19	15	11	12	10	7	9	5	2	1	..	..	..	..	..	..
34	30	21	13	28	8	18	7	9	12	13	1	3	5	1	1	..	..	..	..	..	..	..
168	148	140	122	128	109	102	83	71	67	71	45	47	41	18	11	7	3	..	2	1	..	3
2	2	2	3	1	4	1	1	..	1	1	1	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
10	18	13	18	17	8	8	10	4	5	5	3	..	5	..	..	1	1	..	1	..	..	..
1	1	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
29	23	24	18	15	16	19	26	7	14	8	9	2	4	9	1	1	..	1	1	..	..	9
33	40	33	35	27	31	37	34	21	32	23	14	13	5	5	1	2	..	1	..	1	1	..
..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
66	74	40	39	35	27	17	15	9	12	8	4	4	3	..	1	..	..	..	..	..	..	2
9	5	4	4	3	3	4	1	3	5	1	1	1	..	..	..	..	..	..	..	..	..	..
6	9	3	3	3	6	4	3	2	1	..	2	..	..	1	..	..	1	1	..	..	..	..
55	57	27	41	39	31	24	22	21	25	14	12	4	6	4	..	2	1	1	..	..	..	9
4	3	3	3	4	1	4	4	..	1	..	..	1	..	3	..	..	..	..	..	..	..	..
4	9	8	6	4	5	3	4	..	4	1	2	1	3	..	1	..	..	..	..	..	..	1
17	9	10	14	10	12	4	4	3	4	..	2	1	1	1	..	..	..	..	..	..	..	..
12	10	3	10	4	7	2	3	2	5	2	2	2	1	1	1	..	..	..	..	..	..	..
3	4	..	2	1	1	1	2	4	2	4	2	..	..	..	..	..	..	..	..	..	..	..
4	4	2	3	2	..	1	1	..	2	1	..	..	..	..	..	..	..	..	..	..	..	..
43	36	26	29	21	18	17	18	7	8	5	7	1	3	2	..	2	..	..	..	..	..	2
5	5	7	..	5	1	4	1	3	..	1	..	..	..	..	..	1	..	..	..	..	..	..
11	18	13	15	8	6	10	5	6	9	4	6	1	3	3	..	..	..	..	..	..	..	42
3139	2937	2512	2444	2266	1946	1839	1805	1351	1353	1026	878	661	551	348	213	105	52	20	15	6	6	108

Table 13—Births (exclusive of Stillbirths) Classified According

Birthplace of Father	Total	BIRTHPLACE														
		Canada										British Isles				
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Province not specified	England	Ireland	Scotland	Wales	Other
Canada	43,774	20	200	180	2632	34,800	431	383	127	74	29	2154	272	794	58	12
Prince Edward Island	39	2	1	2	3	19	1	....	....	....	....	6	....	2	....	....
Nova Scotia	355	1	75	8	17	175	6	5	2	....	....	26	7	11	....	....
New Brunswick	241	1	9	56	20	119	2	2	....	....	....	14	....	5	....	....
Quebec	3,056	1	2	22	1315	1,460	22	17	3	2	....	66	9	29	1	....
Ontario	39,098	15	105	88	1230	32,467	317	314	111	55	8	1975	245	714	53	12
Manitoba	477	....	2	2	23	265	69	15	4	1	....	31	7	15	3	....
Saskatchewan	247	....	3	....	12	155	10	27	4	1	....	16	1	8	1	....
Alberta	129	....	2	1	9	81	2	2	3	3	....	10	....	5	....	....
British Columbia	77	....	1	1	3	42	2	1	....	12	....	3	....	....	....	....
Province not specified	55	....	....	....	....	17	....	....	....	....	21	7	3	5	....	....
British Isles	9,002	6	38	32	157	4,457	94	48	14	19	32	2095	479	1135	68	8
England	5,678	4	24	21	106	3,011	66	30	11	10	21	1664	97	347	34	3
Ireland	1,049	....	3	3	17	442	14	8	1	2	1	124	311	100	2	....
Scotland	2,061	2	8	7	31	906	12	8	2	6	10	256	69	668	7	4
Wales	187	....	2	1	2	83	2	2	....	1	....	47	2	18	24	....
Other	27	....	1	....	1	15	....	....	....	....	....	4	....	2	1	1
British Possessions	292	....	10	1	7	113	1	3	5	....	....	34	7	16	....	....
Newfoundland	161	....	7	1	4	59	....	2	3	....	....	20	3	8	....	....
Other	131	....	3	....	3	54	1	1	2	....	....	14	4	8	....	....
Europe	4,975	....	11	3	111	996	112	51	8	4	20	96	18	32	3	....
Austria	222	....	....	1	7	40	22	7	2	....	....	3	....	....	1	....
Belgium	142	....	....	....	3	30	2	1	....	....	1	3	1	2	....	....
Denmark	81	....	1	....	....	28	....	2	1	....	1	4	1	4	1	....
Finland	275	....	....	....	....	56	2	1	1	1	....	2	....	....	....	....
France	26	....	....	....	3	11	2	....	....	....	....	....	....	....	....	....
Germany	167	....	....	....	3	64	3	2	....	....	2	3	3	2	....	....
Holland	136	....	....	....	1	48	1	1	....	....	2	9	3	3	....	....
Hungary	261	....	2	1	3	18	3	5	1	....	....	1	....	....	....	....
Italy	800	....	3	....	22	229	1	2	....	1	3	18	4	2	....	....
Norway	54	....	1	....	3	17	1	3	....	....	....	3	1	4	....	....
Poland	1,204	....	....	....	22	188	39	11	1	1	3	11	2	2	....	....
Roumania	182	....	....	....	8	30	3	5	....	....	....	4	....	2	....	....
Russia*	573	....	....	1	23	104	18	7	2	1	6	17	....	3	....	....
Sweden	130	....	....	....	4	59	8	....	....	....	....	6	1	4	....	....
Other	722	....	4	....	9	74	7	4	....	....	2	12	2	4	1	....
Asia	115	1	....	1	7	37	3	1	....	8	1	5	1	2	....	....
China	46	....	....	....	4	14	2	1	....	7	....	3	1	1	....	....
Japan	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Other	65	1	....	1	3	23	1	....	....	1	1	2	....	1	....	....
United States	1,382	....	9	3	86	883	20	14	2	5	4	72	10	28	2	1
Various	18	....	....	....	....	11	....	....	....	....	1	1	....	1	....	....
Not specified	105	....	1	....	....	28	....	....	....	....	....	3	1	1	....	....
Children born to married mothers	59,663	27	269	220	3000	41,325	661	500	156	110	87	4460	788	2009	131	21
Children born to unmarried mothers	2,788	1	23	7	151	2,114	37	33	13	6	9	155	14	60	3	....
Children born to all mothers	62,451	28	292	227	3151	43,439	698	533	169	116	96	4615	802	2069	134	21

*Including the Ukraine.

to Birthplace of Parents, for the Province of Ontario, 1936

OF MOTHER

British Possessions		Europe															Asia			United States	Various	Not specified
Newfoundland	Other	Austria	Belgium	Denmark	Finland	France	Germany	Holland	Hungary	Italy	Norway	Poland	Roumania	Russia*	Sweden	Other	China	Japan	Other			
60	37	14	9	8	32	15	24	8	3	30	6	56	4	32	13	21	6	2	5	1188	10	25
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	..	....
4	2	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	14	..	....
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	10	..	1
2	1	2	....	1	....	4	....	1	....	2	1	1	....	1	....	....	1	....	1	85	1	3
51	31	11	7	6	30	11	23	7	2	27	5	46	2	27	11	17	3	2	4	1036	9	21
1	....	1	....	....	2	....	....	....	1	....	....	8	2	2	....	2	....	....	....	21	..	....
1	....	....	1	....	....	....	....	....	....	....	....	1	....	1	1	1	1	....	....	2	..	....
....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	9	..	....
....	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	8	..	....
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	..	....
30	21	2	5	2	8	3	5	3	3	2	4	12	....	12	4	2	1	....	....	198	1	2
21	14	1	3	2	3	2	3	3	2	2	3	8	....	11	2	2	1	....	....	144	1	1
2	2	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	14	..	1
6	4	1	2	....	3	1	2	....	1	....	1	4	....	1	2	....	....	....	....	37	..	....
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	..	....
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	..	....
51	36	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	6	..	....
51	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	..	....
....	36	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	3	..	....
2	5	129	97	28	236	11	80	64	219	477	19	958	114	338	23	565	1	....	....	139	3	2
1	....	96	....	....	2	....	3	....	4	1	....	7	4	6	....	8	....	....	....	7	..	....
....	....	....	89	....	....	....	....	5	....	....	....	....	....	....	....	1	....	....	....	4	..	....
....	....	....	1	24	3	....	1	....	....	....	2	1	....	....	....	....	....	....	....	6	..	....
....	....	....	....	....	199	....	....	....	....	....	1	....	....	....	....	1	....	....	....	11	..	....
....	....	....	....	1	....	3	....	....	....	2	....	....	....	....	....	1	1	....	....	2	..	....
....	1	1	....	1	3	1	62	2	1	....	....	5	3	....	....	2	....	....	....	2	1	....
....	....	....	7	....	....	....	2	56	....	....	....	....	....	....	1	....	....	....	....	2	..	....
....	....	....	....	....	3	....	1	....	200	....	....	2	2	1	....	4	....	....	....	14	..	....
....	1	....	....	....	1	3	1	....	....	473	....	3	1	....	....	1	....	....	....	29	2	....
....	1	....	....	2	5	....	....	....	....	....	10	....	....	....	1	....	....	....	....	2	..	....
....	....	6	....	....	....	1	3	....	1	....	1	830	8	42	....	9	....	....	....	22	..	1
....	....	3	....	....	1	....	....	1	5	1	....	23	83	5	....	4	....	....	....	4	..	....
1	1	22	....	....	....	....	2	....	2	....	....	64	8	274	1	3	....	....	....	13	..	....
....	1	....	....	....	12	....	....	....	....	....	5	....	1	1	20	....	....	....	....	8	..	....
....	....	1	....	....	7	3	5	....	6	....	....	23	4	9	....	531	....	....	....	13	..	1
....	2	....	....	....	....	....	....	1	....	....	....	1	....	....	1	1	9	3	20	10	..	....
....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	9	....	....	2	..	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	....	1	..	....
....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	1	1	....	....	20	7	..	....
2	1	1	2	....	5	3	1	....	....	6	....	7	2	4	3	....	....	....	2	203	1	....
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	1	....
....	....	....	1	....	....	....	1	....	....	2	....	....	....	....	....	1	....	....	....	2	..	64
145	103	146	114	38	281	32	111	76	225	517	29	1034	120	386	44	592	17	5	27	1748	16	93
7	5	4	2	1	10	2	4	....	7	3	2	20	4	4	....	6	1	....	....	54	..	26
152	108	150	116	39	291	34	115	76	232	520	31	1054	124	390	44	598	18	5	27	1802	16	119

Table 14—Legitimate Births (exclusive of Stillbirths) Classified According

Birthplace of Mother	Total	AGE OF															
		14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Canada	46,355	1	40	173	477	1134	1806	2433	2824	3031	3036	2972	2815	2629	2652	2513	2252
Prince Edward Island	27	....	....	....	....	1	1	1	1	1	1	1	2	2	....	1	3
Nova Scotia	269	....	....	2	4	6	10	10	13	15	20	15	12	16	19	10	16
New Brunswick	220	....	....	....	2	6	5	9	7	7	16	17	13	16	13	14	10
Quebec	3,000	....	2	5	19	47	87	136	146	169	152	174	163	154	150	173	148
Ontario	41,325	1	38	164	435	1034	1626	2185	2530	2708	2696	2639	2520	2325	2375	2222	2006
Manitoba	661	....	....	2	3	12	34	32	49	51	53	49	47	54	43	34	35
Saskatchewan	500	....	....	....	12	21	32	33	48	44	64	49	32	30	31	29	25
Alberta	156	....	....	....	1	4	5	14	17	16	18	14	10	15	8	14	2
British Columbia	110	....	....	....	....	1	2	5	6	12	12	10	10	10	8	10	2
Province not specified	87	....	....	....	1	2	4	8	7	8	4	4	6	7	5	6	5
British Isles	7,409	....	....	8	16	57	83	134	153	190	243	312	408	441	436	432	468
England	4,460	....	....	5	10	39	59	91	86	94	127	175	241	256	257	236	266
Ireland	788	....	....	....	....	2	5	9	11	24	32	40	37	64	46	65	51
Scotland	2,009	....	....	3	6	13	18	32	46	62	74	87	119	114	122	125	139
Wales	131	....	....	....	....	3	....	2	7	9	9	9	9	6	9	6	11
Other	21	....	....	....	....	....	1	....	3	1	1	1	2	1	2	....	1
British Possessions	248	....	....	....	1	....	5	4	7	12	11	9	11	10	14	14	24
Newfoundland	145	....	....	....	1	....	4	3	5	5	8	6	5	7	9	7	14
Other	103	....	....	....	....	....	1	1	2	7	3	3	6	3	5	7	10
Europe	3,745	....	4	5	10	22	27	40	68	108	129	194	198	231	256	302	279
Austria	146	....	....	....	....	....	....	1	....	2	6	12	7	9	4	14	10
Belgium	114	....	....	1	....	....	2	3	1	10	8	5	1	5	4	5	3
Denmark	38	....	....	....	....	....	....	....	2	1	....	1	1	2	4	3	3
Finland	281	....	....	....	....	2	2	....	3	6	4	8	17	10	21	21	28
France	32	....	....	....	1	....	....	....	1	....	....	....	....	3	....	2	3
Germany	111	....	....	....	....	....	....	1	5	1	3	4	7	9	5	13	12
Holland	76	....	....	1	....	....	1	2	....	1	3	3	4	3	5	6	7
Hungary	225	....	....	1	3	3	3	5	10	11	5	10	9	16	12	14	10
Italy	517	....	....	1	1	4	8	8	14	11	17	36	21	16	32	24	23
Norway	29	....	....	....	....	....	....	....	....	....	....	2	1	1	3	2	3
Poland	1.034	....	1	1	....	4	4	11	18	28	38	48	68	83	78	98	86
Roumania	120	....	1	....	....	1	3	....	....	2	9	10	6	9	12	11	8
Russia*	386	....	....	....	....	1	3	2	5	12	16	19	26	26	25	28	26
Sweden	44	....	....	....	1	1	....	....	1	2	2	2	3	1	....	2	3
Other	592	....	2	....	4	6	1	7	8	21	18	34	27	38	51	59	54
Asia	49	....	....	....	....	....	....	1	1	1	....	4	2	4	2	7	3
China	17	....	....	....	....	....	....	....	....	....	....	3	....	1	....	2	1
Japan	5	....	....	....	....	....	....	....	....	....	....	....	1	....	....	2	....
Other	27	....	....	....	....	....	....	1	1	1	....	1	1	3	2	3	2
United States	1,748	....	....	1	7	22	45	61	71	62	80	100	108	116	108	111	112
Various	16	....	....	....	....	....	....	1	1	....	2	....	1	....	1	2	....
Not specified	93	....	....	....	1	1	5	1	....	....	2	1	2	3	1	2	1
Total	59,663	1	44	187	512	1236	1971	2675	3125	3404	3503	3592	3545	3434	3470	3383	3139

*Including the Ukraine.

to Age and Birthplace of Mothers, for the Province of Ontario, 1936

MOTHER

30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50 and over	Not stated
2073	1781	1710	1539	1363	1220	1222	938	930	712	601	480	387	254	165	75	42	14	11	6	2	42
1	2	1	1	....	1	2	....	....	....	2	2	....	....	....	....	....	....	....	....	.....	.....
11	12	13	13	5	10	9	8	4	4	4	4	....	1	1	1	1	....	....	....	.....	.....
14	5	14	8	9	6	6	7	4	6	3	2	1	....	....	....	....	....	....	....	.....	.....
151	122	129	122	131	96	109	62	93	52	56	47	41	21	19	9	2	3	2	....	1	7
1842	1598	1508	1365	1201	1090	1076	849	819	642	533	419	343	229	144	63	38	11	9	6	1	35
30	25	27	17	9	8	15	7	7	5	3	6	2	....	1	1	....	....	....	....	.....	.....
16	9	9	6	4	3	1	1	....	....	....	....	....	....	....	....	1	....	....	....	.....	.....
2	3	5	....	1	....	2	2	....	2	....	....	....	1	....	....	....	....	....	....	.....	.....
4	2	4	3	2	3	1	1	2	....	....	....	....	....	....	....	....	....	....	....	.....	.....
2	3	....	4	1	3	1	1	1	1	....	....	1	1	....	1	....	....	....	....	.....	.....
462	441	405	402	338	368	361	275	257	183	175	122	106	61	36	20	6	3	1	....	2	4
272	275	241	255	197	221	223	175	183	122	117	82	70	37	22	13	5	3	1	....	1	3
63	40	32	40	34	43	43	31	17	18	9	12	10	5	3	1	1	....	....	....	.....	.....
122	119	127	105	102	97	90	63	53	38	46	26	26	19	9	5	....	....	....	....	1	1
5	6	5	2	5	5	4	4	3	5	3	1	....	....	2	1	....	....	....	....	.....	.....
....	1	....	....	....	2	1	2	1	....	....	1	....	....	....	....	....	....	....	....	.....	.....
15	19	10	17	3	9	7	8	12	6	10	6	1	3	....	....	....	....	....	....	.....	.....
5	9	9	10	3	3	3	3	7	3	8	4	1	3	....	....	....	....	....	....	.....	.....
10	10	1	7	....	6	4	5	5	3	2	2	....	....	....	....	....	....	....	....	.....	.....
279	193	228	223	173	169	151	89	112	82	57	33	38	16	8	8	2	2	3	....	1	5
13	5	11	9	5	8	9	3	1	7	2	1	3	2	1	....	....	....	1	....	.....	.....
7	5	8	9	4	9	6	3	3	3	2	3	4	....	....	....	....	....	....	....	.....	.....
7	....	2	....	3	1	4	2	1	1	....	....	....	....	....	....	....	....	....	....	.....	.....
26	18	14	22	9	18	8	9	14	11	1	3	5	....	1	....	....	....	....	....	.....	.....
1	2	2	4	2	3	3	....	2	1	....	....	1	....	1	....	....	....	....	....	.....	.....
5	5	5	10	5	3	4	4	1	3	3	1	1	....	....	....	....	....	....	....	.....	1
2	3	10	6	4	4	3	2	1	1	2	....	1	1	....	....	....	....	....	....	.....	.....
16	10	17	17	9	7	12	4	4	7	3	....	5	....	....	1	....	....	1	....	.....	.....
29	25	25	21	25	34	30	21	30	19	14	13	4	5	2	2	....	1	....	....	1	.....
3	....	1	1	4	2	1	1	1	....	2	....	....	....	....	....	....	1	....	....	.....	.....
83	43	68	63	47	38	30	23	23	14	15	5	7	3	1	2	1	....	....	....	.....	2
8	6	4	9	2	5	4	2	3	....	3	....	....	2	....	....	....	....	....	....	.....	.....
38	32	18	16	19	15	15	6	14	8	3	3	3	1	1	2	....	....	1	....	.....	2
4	1	5	2	3	1	1	1	3	2	....	....	1	1	1	....	....	....	....	....	.....	.....
37	38	38	34	32	21	21	8	11	5	7	4	3	1	....	1	1	....	....	....	.....	.....
5	2	3	3	2	2	2	1	2	....	1	1	....	....	....	....	....	....	....	....	.....	.....
2	1	....	1	1	....	2	1	1	....	....	1	....	....	....	....	....	....	....	....	.....	.....
....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	.....	.....
3	1	2	2	1	2	....	....	1	....	....	....	....	....	....	....	....	....	....	....	.....	.....
102	73	85	77	65	68	60	40	40	41	33	18	18	13	4	2	2	1	....	....	1	1
....	2	1	1	....	2	....	....	....	1	....	1	....	....	....	....	....	....	....	....	.....	.....
1	1	2	4	2	1	2	....	....	1	1	....	1	1	....	....	....	....	....	....	.....	56
2937	2512	2444	2266	1946	1839	1805	1351	1353	1026	878	661	551	348	213	105	52	20	15	6	6	108

Table 15—Plural Births Classified to Show Number of Children Born Alive and Stillborn by Sex, for the Province of Ontario, 1936

Classification of Births		Total
Twin Births		680
Two males (both living)		206
One male and one female (both living)		211
Two females (both living)		194
One male living and one male stillborn		17
One male living and one female stillborn		7
One male stillborn and one female living		9
One female living and one female stillborn		21
Two males (both stillborn)		7
One male and one female (both stillborn)		2
Two females (both stillborn)		6
Triplet births		8
Three males (all living)		1
Two males and one female (all living)		2
One male and two females (all living)		1
Three females (all living)		2
Two males living and one male stillborn		1
One female living and two males stillborn		1
Total multiple births	No.	688
	M.	702
	F.	682
Total single live births	No.	61,154
	M.	31,467
	F.	29,687
Total single stillbirths	No.	1,947
	M.	1,048
	F.	899
Total confinements		63,789

MARRIAGES

Table 16—Marriages in the Province of Ontario by Months, 1936

	Total Marriages	Months											
		Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total for the province	27,734	1,377	1,604	1,267	1,992	2,090	3,622	2,333	2,687	3,371	3,080	2,349	1,962

Table 17—Marriages—Conjugal Condition of Contracting Parties, in the Province of Ontario, 1936

	Total marriages	Marriages between									Per cent. of Bridegrooms who were			Per cent. of Brides who were		
		Bachelors and			Widowers and			Divorced men and								
		Spinsters	Widows	Divorced Women	Spinsters	Widows	Divorced Women	Spinsters	Widows	Divorced Women	Bachelors	Widowers	Divorced	Spinsters	Widows	Divorced
Total for the province	27,734	25,746	291	107	768	542	42	198	15	25	94.3	4.9	0.9	96.3	3.1	0.6

Table 18—Marriages Reported in Rural and Urban Parts of Counties, in the Province of Ontario, 1936

COUNTIES	Total	Rural	Urban	COUNTIES	Total	Rural	Urban
Total for the province	27,734	6,927	20,807	Manitoulin	83	68	15
Addington	51	51	....	Middlesex	974	199	775
Algoma	326	79	247	Muskoka	158	55	103
Brant	423	66	357	Nipissing	341	121	220
Bruce	266	159	107	Norfolk	248	160	88
Carleton	1,396	199	1,197	Northumberland	192	115	77
Cochrane	648	229	419	Ontario	433	144	289
Dufferin	98	66	32	Oxford	381	143	238
Dundas	104	104	....	Parry Sound	196	124	72
Durham	152	82	70	Peel	194	145	49
Elgin	308	119	189	Perth	353	131	222
Essex	1,345	158	1,187	Peterborough	361	82	279
Frontenac	402	107	295	Prescott	203	109	94
Glengarry	112	82	30	Prince Edward	85	44	41
Grenville	116	81	35	Rainy River	85	16	69
Grey	372	173	199	Renfrew	366	186	180
Haldimand	123	77	46	Russell	136	112	24
Haliburton	39	39	....	Simcoe	596	193	403
Halton	204	82	122	Stormont	261	57	204
Hastings	513	237	276	Sudbury	655	163	492
Huron	241	169	72	Thunder Bay	495	42	453
Kenora	184	31	153	Timiskaming	439	122	317
Kent	527	157	370	Victoria	180	104	76
Lambton	332	137	195	Waterloo	708	114	594
Lanark	253	64	189	Welland	626	163	463
Leeds	258	91	167	Wellington	422	136	286
Lennox	71	36	35	Wentworth	1,611	132	1,479
Lincoln	412	126	286	York	7,676	746	6,930

Table 19—Marriages—Ages of Bridegrooms and Brides, for the Province of Ontario, 1936

| Age of Bridegroom | Total grooms | AGE OF BRIDE | | |

Table 20—Marriages—Denominations of Contracting Parties, for the Province of Ontario, 1936

Denomination of Groom	Total Grooms	DENOMINATION OF BRIDE																												
		Adventists	Anglicans	Baptists	Brethren	Christians	Christian Science	Church of Christ	Disciples	Evangelicals	Friends	Greek Catholics	Greek Orthodox	Holiness Movement	Jews	Lutherans	Mennonites	Mormons	Pentecostal	Presbyterians	Protestants	Roman Catholics	Salvation Army	Unitarians	United Brethren	United Church	Oriental religions	No religion	Other sects	Not stated
Adventists	15	8	3	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	..
Anglicans	5,883	4	3262	246	5	8	15	10	6	6	1	4	4	3	2	57	2	8	2	563	3	424	19	3	1206	...	...	19	2
Baptists	1,595	2	207	724	3	9	6	3	4	6	...	2	4	1	...	19	3	1	4	151	1	76	8	...	350	...	...	11	..
Brethren	64	...	7	...	41	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	1	3	1	...	8	...	...	1	..
Christians	49	...	1	2	...	31	...	...	...	...	1	...	...	...	...	...	...	...	...	3	...	3	...	...	8	...	...	...	..
Christian Science	40	...	10	1	...	1	13	...	1	...	...	...	...	...	...	...	...	...	...	3	1	...	...	...	10	...	...	...	..
Church of Christ	47	...	4	4	...	...	...	26	...	...	...	...	...	...	...	1	1	...	...	3	...	1	...	...	7	...	...	...	..
Disciples	19	...	2	5	...	...	...	...	6	1	...	...	...	...	...	1	...	...	...	1	...	1	...	...	2	...	...	...	..
Evangelicals	109	...	5	5	...	...	...	1	...	42	...	...	...	...	...	11	2	...	...	5	...	13	...	...	24	...	...	1	..
Friends	9	...	2	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	2	...	2	...	...	2	...	...	...	..
Greek Catholics	151	...	1	3	...	...	...	...	...	...	...	118	...	...	...	3	...	...	...	...	...	23	...	...	3	...	...	...	..
Greek Orthodox	165	...	6	2	...	...	...	...	...	...	...	4	122	...	...	2	...	...	...	...	1	22	1	...	5	...	...	...	..
Holiness Movement	22	...	...	2	...	...	...	1	...	...	...	...	...	15	...	...	...	...	...	...	...	1	...	...	2	...	...	1	..
Jews	680	...	7	1	...	...	...	...	...	...	...	...	...	...	652	2	...	...	...	2	1	6	...	...	8	...	...	1	..
Lutherans	826	1	65	26	...	1	2	...	...	30	...	5	2	...	...	462	2	...	...	42	3	68	2	...	109	...	...	4	1
Mennonites	125	...	2	5	...	...	...	...	...	...	...	...	...	1	...	3	103	...	...	3	...	2	...	...	5	...	...	1	..
Mormons	56	...	7	4	...	...	...	...	...	...	...	...	...	...	...	1	...	22	...	3	...	2	...	...	16	...	...	1	..
Pentecostal	102	...	4	1	...	...	...	...	...	...	...	...	...	...	...	3	...	...	80	4	1	1	1	...	7	...	...	...	..
Presbyterians	3,349	2	658	161	2	6	5	5	4	12	...	1	4	1	5	52	...	5	5	1506	6	222	11	...	662	...	...	13	..
Protestants	488	...	14	2	...	...	...	...	...	...	...	1	...	...	...	4	...	...	...	9	388	59	...	...	9	...	...	2	..
Roman Catholics	5,704	...	279	56	...	1	1	3	1	5	2	26	8	...	3	51	...	3	4	122	33	4841	5	...	251	...	...	8	1
Salvation Army	105	...	8	4	...	...	...	...	...	1	...	...	...	...	...	1	...	1	1	7	...	5	70	...	7	...	...	...	..
Unitarians	6	...	2	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	..
United Brethren	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	..
United Church	7,782	2	1060	312	10	6	13	13	12	18	1	6	8	8	2	77	4	21	8	575	3	365	13	2	5205	...	...	38	..
Oriental religions—(Buddhists, Confucians, Mohammedans, Shintos, Sikhs, Hindus)	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	..
No religion	3	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	..
Other sects	318	...	28	11	...	1	...	1	...	1	...	1	1	1	...	3	2	...	...	12	1	18	2	...	36	...	...	199	..
Not stated	19	...	2	2	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	2	...	...	5	...	...	1	5
Total Brides	27,734	19	5647	1581	61	64	55	63	34	123	7	169	153	31	664	753	120	61	104	3018	443	6161	133	5	3	7951	...	1	301	9

Table 21—Marriages—Birthplace of Bridegrooms and Brides, for the Province of Ontario, 1936

| Birthplace of Bridegroom | Total | BIRTHPLACE OF BRIDE | | |

| | | |

Table 22—Marriages—Literacy of Bridegrooms and Brides in the Province of Ontario, Classified by Birthplace, 1936

Birthplace	Bridegrooms			Brides		
	Total	Illiterate	Per cent. Illiterate	Total	Illiterate	Per cent. Illiterate
Total	27,734	62	0.2	27,734	30	0.1
Canada	21,991	41	0.2	23,719	11	2†
Prince Edward Island	10	.....	.....	5	.....	.....
Nova Scotia	148	.....	.....	119	.....	.....
New Brunswick	76	.....	.....	81	.....	.....
Quebec	689	1	0.1	658	.....	.....
Ontario	20,528	40	0.02	22,078	11	2†
Manitoba	230	.....	.....	326	.....	.....
Saskatchewan	187	.....	.....	264	.....	.....
Alberta	75	.....	.....	115	.....	.....
British Columbia	48	.....	.....	67	.....	.....
Province not specified	.....	.....	.....	6	.....	.....
British Isles	3,397	.....	.....	2,415	.....	.....
England	2,141	.....	.....	1,464	.....	.....
Ireland	356	.....	.....	221	.....	.....
Scotland	819	.....	.....	678	.....	.....
Wales	71	.....	.....	48	.....	.....
Other	10	.....	.....	4	.....	.....
British Possessions	89	.....	.....	66	.....	.....
Newfoundland	44	.....	.....	41	.....	.....
Other	45	.....	.....	25	.....	.....
Europe	1,527	21	1.4	1,010	17	1.7
Austria	65	.....	.....	34	1	2.9
Belgium	27	.....	.....	13	.....	.....
Denmark	37	.....	.....	5	.....	.....
Finland	116	2	1.7	146	1	.07
France	10	.....	.....	7	.....	.....
Germany	95	.....	.....	41	.....	.....
Holland	44	.....	.....	14	.....	.....
Hungary	71	.....	.....	49	.....	.....
Italy	172	.....	.....	87	1	1.1
Norway	11	.....	.....	5	.....	.....
Poland	417	12	2.9	327	9	2.8
Roumania	71	1	1.4	39	.....	.....
Russia*	159	2	1.3	109	1	0.9
Sweden	39	.....	.....	12	.....	.....
Other	193	4	2.1	122	4	3.3
Asia	44	.....	.....	15	.....	.....
China	19	.....	.....	4	.....	.....
Japan	4	.....	.....	1	.....	.....
Other	21	.....	.....	10	.....	.....
United States	684	.....	.....	504	2	0.4
Various	1	.....	.....	3	.....	.....
Not specified	1	.....	.....	2	.....	.....

*Including the Ukraine. † Less than one-tenth of one per cent.

Table 23—Deaths of Children under One Year (exclusive of Stillbirths) in the Province of Ontario, by Months, Classified as Rural and Urban by Counties, 1936

Province and Counties	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Ontario	3,416	308	269	313	299	270	286	267	213	288	305	270	328
Rural	1,103	95	106	112	105	77	84	70	68	98	82	100	106
Urban*	2,313	213	163	201	194	193	202	197	145	190	223	170	222
Addington	8	.....	1	4	.....	.....	.....	.....	.....	1	.....	1	1
Rural	8	.....	1	4	.....	.....	.....	.....	.....	1	.....	1	1
Algoma	65	7	4	9	7	6	3	3	3	1	7	8	7
Rural	13	2	2	.....	1	2	2	.....	.....	.....	1	1	2
Urban	52	5	2	9	6	4	1	3	3	1	6	7	5
Sault Ste. Marie, c	40	3	2	7	5	3	1	3	1	.....	4	6	5
Blind River, t	9	2	.....	2	1	.....	.....	.....	1	1	1	1	.....
Thessalon, t	3	.....	.....	.....	.....	1	.....	.....	1	.....	1	.....	.....
Brant	49	4	3	2	5	5	3	4	4	5	5	6	3
Rural	16	2	.....	.....	.....	.....	.....	1	4	3	2	3	1
Urban	33	2	3	2	5	5	3	3	.....	2	3	3	2
Brantford, c	31	2	3	2	3	5	3	3	.....	2	3	3	2
Paris, t	2	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....
Bruce	53	5	4	6	2	2	6	8	3	7	3	3	4
Rural	40	5	3	4	1	1	5	6	2	6	1	3	3
Urban	13	.....	1	2	1	1	1	2	1	1	2	.....	1
Chesley, t	2	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....
Kincardine, t	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Southampton, t	3	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	1
Walkerton, t	6	.....	1	2	.....	1	.....	.....	1	.....	1	.....	.....
Wiarton, t	2	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....
Carleton	295	25	20	33	36	24	27	25	25	21	23	16	20
Rural	20	.....	1	2	5	1	1	2	1	2	2	.....	3
Urban	275	25	19	31	31	23	26	23	24	19	21	16	17
Ottawa, c	267	25	19	31	30	22	23	23	23	19	20	16	16
Eastview, t	8	.....	.....	.....	1	1	3	.....	1	.....	1	.....	1
Cochrane	158	15	14	13	16	15	14	14	12	11	7	15	12
Rural	76	8	9	4	10	4	7	7	6	6	3	6	6
Urban	82	7	5	9	6	11	7	7	6	5	4	9	6
Cochrane, t	13	2	1	1	.....	1	2	1	1	1	2	.....	1
Iroquois Falls, t	3	.....	.....	1	1	.....	.....	.....	.....	.....	1	.....	.....
Kapuskasing, t	11	1	1	2	.....	1	1	1	1	1	.....	1	1
Timmins, t	55	4	3	5	5	9	4	5	4	3	1	8	4
Dufferin	6	1	.....	.....	.....	.....	.....	2	1	1	1	.....	.....
Rural	5	1	.....	.....	.....	.....	.....	1	1	1	1	.....	.....
Urban	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Orangeville, t	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Dundas	12	1	2	.....	.....	1	.....	4	.....	1	1	1	1
Rural	12	1	2	.....	.....	1	.....	4	.....	1	1	1	1
Durham	14	1	.....	3	.....	1	.....	1	3	1	.....	3	1
Rural	5	1	.....	3	.....	.....	.....	.....	.....	.....	.....	1	.....
Urban	9	.....	.....	.....	.....	1	.....	1	3	1	.....	2	1
Bowmanville, t	6	.....	.....	.....	.....	.....	.....	1	1	1	.....	2	1
Port Hope, t	3	.....	.....	.....	.....	1	.....	.....	2	.....	.....	.....	.....
Elgin	31	4	.....	2	5	3	2	2	2	.....	5	3	3
Rural	14	3	.....	2	1	2	2	.....	1	.....	2	1	.....
Urban	17	1	.....	.....	4	1	.....	2	1	.....	3	2	3
St. Thomas, c	17	1	.....	.....	4	1	.....	2	1	.....	3	2	3
Aylmer, t	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Essex	135	11	13	12	20	8	7	8	9	10	18	5	14
Rural	33	2	5	4	3	2	1	1	2	1	7	1	4
Urban	102	9	8	8	17	6	6	7	7	9	11	4	10
Windsor, c	93	8	7	8	16	6	6	6	7	8	10	3	8
Amherstburg, t	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Essex, t	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kingsville, t	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Leamington, t	5	.....	1	.....	1	.....	.....	.....	.....	1	.....	1	1
Riverside, t	3	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1
Tecumseh, t	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Frontenac	61	5	6	8	7	.....	6	7	2	5	2	4	9
Rural	15	2	1	3	.....	.....	3	2	.....	1	.....	1	2
Urban	46	3	5	5	7	.....	3	5	2	4	2	3	7
Kingstone, c	46	3	5	5	7	.....	3	5	2	4	2	3	7

*Kirkland Lake is included though not incorporated as a municipality.

Table 23—Deaths of Children under One Year (exclusive of Stillbirths) in the Province of Ontario, by Months, Classified as Rural and Urban by Counties, 1936—Continued

Province and Counties	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec
Glengarry	12	2	1		1	1			1		1	1	4
Rural	9	2			1	1			1		1	1	2
Urban	3		1										2
Alexandria, t	3		1										2
Grenville	13	1		2	1	1	1	1		1	3	1	1
Rural	10			2	1	1	1	1		1	2		1
Urban	3	1									1	1	
Prescott, t	3	1									1	1	
Grey	46	6	5	3	3	1	7	4	4	3	3	5	2
Rural	26	4	3	2	2	1	4	2	1	3	1	3	
Urban	20	2	2	1	1		3	2	3		2	2	2
Owen Sound, c	12		2		1		1	1	3		1	2	1
Durham, t	1	1											
Hanover, t	4			1			2						1
Meaford, t	3	1						1			1		
Haldimand	7			1		3						1	2
Rural	6			1		3							2
Urban	1											1	
Dunnville, t	1											1	
Haliburton	15	2	2		1	1	1		3	1		2	2
Rural	15	2	2		1	1	1		3	1		2	2
Halton	14				3	2	1	3			1	3	1
Rural	9				2	2	1	1			1	2	
Urban	5				1			2				1	1
Burlington, t	2											1	1
Georgetown, t	1				1								
Milton, t	1							1					
Oakville, t	1							1					
Hastings	91	7	8	12	8	4	7	7	7	8	6	4	13
Rural	46	3	5	5	4	3	2	2	3	6	2	3	8
Urban	45	4	3	7	4	1	5	5	4	2	3	2	5
Belleville, c	31	3	1	4	4	1	4	4	3	1		1	5
Deseronto, t	2		1	1									
Trenton, t	12	1	1	2			1	1	1	1	3	1	
Huron	25	2	3	5		2	4	1	4		3		1
Rural	14	1	2	1		1	1	1	3		3		1
Urban	11	1	1	4		1	3		1				
Clinton, t													
Goderich, t	5	1		1		1	1		1				
Seaforth, t	3		1	1			1						
Wingham, t	3			2			1						
Kenora	21		1			1	1	4	1	2	6	1	4
Rural	4							1		1		1	1
Urban	17		1			1	1	3	1	1	6		3
Dryden, t	5					1	1	1		1	1		
Keewatin, t													
Kenora, t	10		1					1	1		5		2
Sioux Lookout, t	2							1					1
Kent	52	4	7	1	3	5	3	4	3	6	3	7	6
Rural	20	2	4		1	2	1	1		2	3	1	3
Urban	32	2	3	1	2	3	2	3	3	4		6	3
Chatham, c	28	1	2	1	2	3	2	2	3	4		5	3
Blenheim, t													
Dresden, t													
Ridgetown, t	1											1	
Tilbury, t	1	1											
Wallaceburg, t	2		1					1					
Lambton	50	2	4	4	10	7	3	2	1	2	5	6	4
Rural	24	2	3	3	6	2					2	5	1
Urban	26		1	1	4	5	3	2	1	2	3	1	3
Sarnia, c	22		1	1	3	3	2	2	1	2	3	1	3
Forest, t	1					1							
Petrolia, t	3				1	1	1						
Lanark	29	3	2	5	1	4	2			4	2	5	1
Rural	11		2	2		2	2					2	1
Urban	18	3		3	1	2				4	2	3	
Almonte, t	1											1	
Carleton Place, t	2					1				1			
Perth, t	2	1								1			
Smiths Falls, t	13	2		3	1	1				2	2	2	

Table 23—Deaths of Children under One Year (exclusive of Stillbirths) in the Province of Ontario, by Months, Classified as Rural and Urban by Counties, 1936—Continued

Province and Counties	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Leeds	34	1	4	4	2	8	1	1	1	2	3	4	3
Rural	19	1	1	2	2	6			1	1	2	3	
Urban	15		3	2		2	1	1		1	1	1	3
Brockville, t.	13		2	2		1	1	1		1	1	1	3
Gananoque, t.	2		1			1							
Lennox	13	1	3	4	1	1						2	1
Rural	9	1	2	2	1	1						2	
Urban	4		1	2									1
Napanee, t.	4		1	2									1
Lincoln	52	9	3	4	6	4	7	7	3	3	1	3	2
Rural	15	3	3	1	2		3	1	1	1			
Urban	37	6		3	4	4	4	6	2	2	1	3	2
St. Catharines, c.	34	6		3	3	3	4	5	2	2	1	3	2
Grimsby, t.	2				1	1							
Merritton, t.													
Niagara, t.	1							1					
Manitoulin	18	1	2	3	2	1	1	3	2	1		2	
Rural	17	1	2	3	2	1		3	2	1		2	
Urban	1						1						
Little Current, t.	1						1						
Middlesex	99	8	8	6	6	6	6	10	10	12	10	13	4
Rural	16	1	4	1	2			2	2	2	1	1	
Urban	83	7	4	5	4	6	6	8	8	10	9	12	4
London, c.	77	6	4	5	4	5	5	8	7	9	8	12	4
Strathroy, t.	6	1				1	1		1	1	1		
Muskoka	26	6	1	2	1	1	3	2		4	1	3	2
Rural	14	2				1	2	2		3		3	1
Urban	12	4	1	2	1		1			1	1		1
Bracebridge, t.	8	2		2			1			1	1		1
Gravenhurst, t.	2	1	1										
Huntsville, t.	2	1			1								
Nipissing	118	8	16	8	10	7	6	8	7	14	13	13	8
Rural	53	3	8	5	5	3	2	5	2	5	5	7	3
Urban	65	5	8	3	5	4	4	3	5	9	8	6	5
North Bay, c.	28	1	3	2	4	3	2	1		3	5	3	1
Cache Bay, t.	3							1	1	1			
Mattawa, t.	11	1	2		1	1			3		1	1	1
Sturgeon Falls, t.	23	3	3	1			2	1	1	5	2	2	3
Norfolk	24	2		3	1		7	5		1	3		2
Rural	11	1		2			3	3			1		1
Urban	13	1		1	1		4	2		1	2		1
Simcoe, t.	13	1		1	1		4	2		1	2		1
Northumberland	28	1	2	5	2	3	3	2	1	4	3		2
Rural	16	1	1	3	2	2	1	1	1	3			1
Urban	12		1	2		1	2	1		1	3		1
Campbellford, t.	4			2							1		1
Cobourg, t.	8		1			1	2	1		1	2		
Ontario	50	7	5	6	3	5	1	3	4	6	2	4	4
Rural	13	4	1	2	1				1	2		2	
Urban	37	3	4	4	2	5	1	3	3	4	2	2	4
Oshawa, c.	31	2	4	4	2	4	1	3	3	3	1	2	2
Uxbridge, t.	2												2
Whitby, t.	4	1				1				1	1		
Oxford	39	3	2	7	3	1	1	4	3	7	3		5
Rural	10	2		4				1	1	1			1
Urban	29	1	2	3	3	1	1	3	2	6	3		4
Woodstock, c.	8			1	1			3		1			2
Ingersoll, t.	10	1	2		1	1			1	2	1		1
Tilsonburg, t.	11			2	1		1		1	3	2		1
Parry Sound	32	3	2	2	5	2	2		4	1	3	4	4
Rural	23	2	2	2	2	2	2		3	1	2	3	2
Urban	9	1			3				1		1	1	2
Parry Sound, t.	9	1			3				1		1	1	2
Peel	13	1	1				3	3			2	3	
Rural	5		1				1	1			1	1	
Urban	8	1					2	2			1	2	
Brampton, t.	8	1					2	2			1	2	

Table 23—Deaths of Children under One Year (exclusive of Stillbirths) in the Province of Ontario, by Months, Classified as Rural and Urban by Counties, 1936—Continued

Province and Counties	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Perth	27	6		1	2	3		3	2	3	1	2	4
Rural	12	3		1	1	1			1	3		1	1
Urban	15	3			1	2		3	1		1	1	3
Stratford, c	9	2			1			1	1		1	1	2
Listowel, t	5	1				2		1					1
Mitchell, t													
St. Mary's, t	1							1					
Peterborough	54	3	5	5	4	1	5	3	3	5	9	3	8
Rural	9	1	1	2	1	1	1						2
Urban	45	2	4	3	3		4	3	3	5	9	3	6
Peterborough, c	45	2	4	3	3		4	3	3	5	9	3	6
Prescott	56	4	6	3	7	3	7	1	1	2	7	8	7
Rural	40	3	6	1	7	2	5			2	3	6	5
Urban	16	1		2		1	2	1	1		4	2	2
Hawkesbury, t	13	1		1		1	1	1	1		4	1	2
Vankleek Hill, t	3			1			1					1	
Prince Edward	11	1	1	1	1	1				1	1	2	2
Rural	6	1	1							1		1	2
Urban	5			1	1	1					1	1	
Picton, t	5			1	1	1					1	1	
Rainy River	11		1		1		1		1	2	1	3	1
Rural	7		1		1					2	1	2	
Urban	4						1		1			1	1
Fort Francis, t	4						1		1			1	1
Rainy River, t													
Renfrew	72	9	4	9	7	6	8	1	4	10	7	4	3
Rural	35	2	2	6	5	2	5	1	2	6		3	1
Urban	37	7	2	3	2	4	3		2	4	7	1	2
Arnprior, t	7	2		1					1	1	2		
Pembroke, t	24	4	1	1	1	4	2		1	3	4	1	2
Renfrew, t	6	1	1	1	1		1				1		
Russell	40	2	5	3	5	4	3		2	4	1	3	8
Rural	37	2	5	3	4	3	3		2	3	1	3	8
Urban	3				1	1				1			
Rockland, t	3				1	1				1			
Simcoe	57	4	4	4	7	4	2	3	4	4	4	7	10
Rural	13			2	2	1	2		1	1		1	3
Urban	44	4	4	2	5	3		3	3	3	4	6	7
Alliston, t	4	1										1	2
Barrie, t	6		1					2	1				2
Collingwood, t	5	1	1			1			1		1		
Midland, t	7				2						2	2	1
Orillia, t	16	2		1	3	2		1	1	2		2	2
Penetanguishene, t	6		2	1						1	1	1	
Stayner, t													
Stormont	73	5	5	9	8	4	3	10	2	10	7	3	7
Rural	23	1	2	4	2	1		3	1	2	2	1	4
Urban	50	4	3	5	6	3	3	7	1	8	5	2	3
Cornwall, t	50	4	3	5	6	3	3	7	1	8	5	2	3
Sudbury	153	11	16	9	10	10	13	7	8	12	30	14	13
Rural	72	3	6	6	5	4	7	2	4	8	11	7	9
Urban	81	8	10	3	5	6	6	5	4	4	19	7	4
Sudbury, c	73	6	10	3	5	6	6	5	3	3	17	6	3
Capreol, t	1										1		
Coppercliff, t	7	2							1	1	1	1	1
Thunder Bay	60	5	6	8	1	5	5	5	2	7	5	2	9
Rural	12	2	2		1	1	1		1		1		3
Urban	48	3	4	8		4	4	5	1	7	4	2	6
Fort William, c	27	1	2	4		3	4	3		6	1	1	2
Port Arthur, c	21	2	2	4		1		2	1	1	3	1	4
Timiskaming	70	6	7	8	5	5	7	4	4	7	5	7	5
Rural	18	1	2	2	3		1	1	2		2	3	1
Urban	52	5	5	6	2	5	6	3	2	7	3	4	4
Cobalt, t	2			1							1		
Englehart, t	4				1	1	1			1			
Haileybury, t	10		3				2	2				3	
Kirkland Lake	34	4	2	5	1	2	2	3	2	6	2	1	4
New Liskeard, t	2	1					1						

Table 23—Deaths of Children under One Year (exclusive of Stillbirths) in the Province of Ontario, by Months, Classified as Rural and Urban by Counties, 1936—Continued

Province and Counties	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Victoria	27	1	.....	1	1	3	4	2	3	5	3	1	3
Rural	10	.....	.....	.....	.....	1	2	1	1	4	.....	.....	1
Urban	17	1	.....	1	1	2	2	1	2	1	3	1	2
Lindsay, t	17	1	.....	1	1	2	2	1	2	1	3	1	2
Waterloo	62	9	3	8	6	3	6	7	1	4	6	2	7
Rural	12	5	.....	2	1	.....	2	1	.....	.....	1	.....	.....
Urban	50	4	3	6	5	3	4	6	1	4	5	2	7
Galt, c	10	.....	1	1	2	2	.....	1	.....	1	1	.....	1
Kitchener, c	34	3	1	4	2	1	4	5	1	2	4	2	5
Elmira, t	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hespeler, t	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Preston, t	4	1	.....	.....	1	.....	.....	.....	.....	1	.....	.....	1
Waterloo, t	2	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Welland	55	7	3	4	3	6	3	3	4	5	6	6	5
Rural	16	.....	1	4	1	2	.....	1	.....	3	2	1	1
Urban	39	7	2	.....	2	4	3	2	4	2	4	5	4
Niagara Falls, c	9	2	1	.....	1	2	.....	.....	1	.....	.....	1	1
Welland, c	18	1	1	.....	.....	2	.....	2	3	1	2	3	3
Fort Erie, t	3	1	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....
Port Colborne, t	4	3	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Thorold, t	5	.....	.....	.....	1	.....	1	.....	.....	.....	2	1	.....
Wellington	46	4	4	6	5	3	3	2	4	3	3	5	4
Rural	34	3	3	4	4	1	3	.....	4	2	3	3	4
Urban	12	1	1	2	1	2	.....	2	.....	1	.....	2	.....
Guelph, c	11	1	1	2	1	2	.....	1	.....	1	.....	2	.....
Harriston, t	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mount Forest, t	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Palmerston, t	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Wentworth	124	15	4	7	14	11	12	14	5	17	8	7	10
Rural	7	.....	1	.....	2	.....	.....	.....	2	1	1	.....	.....
Urban	117	15	3	7	12	11	12	14	3	16	7	7	10
Hamilton, c	115	15	3	6	12	11	12	13	3	16	7	7	10
Dundas, t	2	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....
York	610	57	46	48	41	62	65	50	40	41	52	39	69
Rural	68	3	3	6	7	9	4	8	5	4	6	6	7
Urban	542	54	43	42	34	53	61	42	35	37	46	33	62
Toronto, c	527	53	43	39	33	51	58	39	35	37	46	33	60
Aurora, t	2	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....
Long Branch, t	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mimico, t	6	.....	.....	2	.....	1	1	2	.....	.....	.....	.....	.....
Newmarket, t	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
New Toronto, t	3	.....	.....	.....	1	.....	2	.....	.....	.....	.....	.....	.....
Weston, t	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Forest Hill	2	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1
Swansea	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Table 24—Total Deaths (exclusive of Stillbirths) and Deaths in Institutions of Children Under One Year of Age, Showing the Number Non-Resident in the Province of Ontario, 1936

	All Deaths under One Year						In Institutions					
	Total			Non-resident in Province			Total			Non-resident in Province		
	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.
Total for the Province	3,416	1,915	1,501	17	9	8	1,639	908	731	13	6	7

Table 25—Total Deaths (exclusive of Stillbirths) and Deaths in Institutions of Cities and Towns of 5,000 Population and

Cities and Towns	All Deaths Under One Year												Deaths		
	Total			Residents			Non-resident in City or Town where Death Occurred and						Total		
							Resident in Province			Non-resident in Province					
	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.
Cities:															
Belleville	31	19	12	25	15	10	6	4	2	...	...	...	28	16	12
Brantford	31	13	18	23	13	10	7	...	7	1	...	1	28	11	17
Chatham	28	18	10	15	8	7	13	10	3	...	...	...	24	15	9
Fort William	27	16	11	21	12	9	6	4	2	...	...	...	16	10	6
Galt	10	7	3	8	6	2	2	1	1	...	...	...	5	3	2
Guelph	11	5	6	10	5	5	1	...	1	...	...	...	5	2	3
Hamilton	115	51	64	104	45	59	11	6	5	...	...	...	78	34	44
Kingston	46	22	24	25	13	12	21	9	12	...	...	...	40	18	22
Kitchener	34	23	11	28	19	9	6	4	2	...	...	...	26	17	9
London	77	52	25	56	36	20	21	16	5	...	...	...	69	44	25
Niagara Falls	9	4	5	7	3	4	2	1	1	...	...	...	7	3	4
North Bay	28	20	8	24	16	8	4	4	...	...	...	...	12	11	1
Oshawa	31	19	12	25	14	11	6	5	1	...	...	...	20	13	7
Ottawa	267	159	108	220	135	85	37	19	18	10	5	5	217	128	89
Owen Sound	12	4	8	9	2	7	3	2	1	...	...	...	11	4	7
Peterborough	45	25	20	31	17	14	14	8	6	...	...	...	34	21	13
Port Arthur	21	10	11	15	7	8	6	3	3	...	...	...	16	7	9
St. Catharines	34	26	8	25	19	6	9	7	2	...	...	...	27	23	4
St. Thomas	17	7	10	13	4	9	4	3	1	...	...	...	15	6	9
Sarnia	22	13	9	17	8	9	5	5	...	...	...	...	17	10	7
Sault Ste. Marie	40	17	23	32	13	19	8	4	4	...	...	...	23	10	13
Stratford	9	6	3	7	4	3	2	2	...	...	...	...	8	6	2
Sudbury	73	40	33	47	26	21	26	14	12	...	...	...	43	25	18
Toronto	527	294	233	396	215	181	129	77	52	2	2	...	426	234	192
Welland	18	7	11	9	2	7	9	5	4	...	...	...	15	7	8
Windsor	93	60	33	78	53	25	15	7	8	...	...	...	64	40	24
Woodstock	8	5	3	7	5	2	1	...	1	...	...	...	6	4	2
Towns:															
Barrie	6	4	2	5	3	2	1	1	...	...	...	...	2	1	1
Brampton	8	5	3	3	2	1	5	3	2	...	...	...	7	5	2
Brockville	13	8	5	7	5	2	6	3	3	...	...	...	10	5	5
Cobourg	8	3	5	5	2	3	3	1	2	...	...	...	4	1	3
Collingwood	5	2	3	2	1	1	3	1	2	...	...	...	3	1	2
Cornwall	50	28	22	33	20	13	16	8	8	1	...	1	35	18	17
Eastview	8	4	4	7	4	3	1	...	1	...	...	...	...	...	...
Forest Hill	2	1	1	2	1	1	...	...	...	...	...	...	...	...	...
Fort Erie	3	2	1	3	2	1	...	...	...	...	...	...	1	...	1
Fort Francis	4	2	2	4	2	2	...	...	...	...	...	...	...	...	...
Hawkesbury	13	6	7	11	4	7	1	1	...	1	1	...	2	...	2
Ingersoll	10	6	4	5	3	2	5	3	2	...	...	...	9	5	4
Kenora	10	5	5	4	4	...	6	1	5	...	...	...	7	4	3
Kirkland Lake	34	20	14	33	19	14	1	1	...	...	...	...	9	5	4
Leamington	5	2	3	3	1	2	2	1	1	...	...	...	2	1	1
Lindsay	17	8	9	9	4	5	8	4	4	...	...	...	12	7	5
Midland	7	6	1	6	5	1	1	1	...	...	...	...	2	2	...
Mimico	6	4	2	6	4	2	...	...	...	...	...	...	...	...	...
New Toronto	3	2	1	3	2	1	...	...	...	...	...	...	1	...	1
Orillia	16	5	11	10	4	6	6	1	5	...	...	...	14	5	9
Pembroke	24	13	11	14	7	7	9	6	3	1	...	1	15	8	7
Port Colborne	4	4	...	4	4	...	...	...	...	...	...	...	...	...	...
Preston	4	2	2	3	1	2	1	1	...	...	...	...	...	...	...
Renfrew	6	3	3	4	2	2	2	1	1	...	...	...	4	2	2
Riverside	3	2	1	3	2	1	...	...	...	...	...	...	...	...	...
Simcoe	13	7	6	3	1	2	10	6	4	...	...	...	12	6	6
Smiths Falls	13	8	5	10	6	4	3	2	1	...	...	...	10	6	4
Swansea	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Timmins	55	28	27	52	26	26	3	2	1	...	...	...	18	10	8
Trenton	12	5	7	12	5	7	...	...	...	...	...	...	...	...	...
Waterloo	2	1	1	2	1	1	...	...	...	...	...	...	...	...	...
Weston	1	1	...	1	1	...	...	...	...	...	...	...	...	...	...
Whitby	4	...	4	4	...	4	...	...	...	...	...	...	...	...	...

Children under One Year of Age, Classified According to Residence of Decedents in Over, in the Province of Ontario, 1936

IN INSTITUTIONS									DEATHS ELSEWHERE THAN IN INSTITUTIONS											
Residents			Non-resident in City or Town Where Death Occurred and						Total			Residents			Non-resident in City or Town Where Death Occurred and					
			Resident in Province			Non-resident in Province									Resident in Province			Non-resident in Province		
Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.
22	12	10	6	4	2	....	....	....	3	3	....	3	3	....	....	....	....	....	....	....
20	11	9	7	....	7	7	1	....	3	2	1	3	2	1	....	....	....	....	....	....
12	5	7	12	10	2	....	....	....	4	3	1	3	3	....	1	....	1	....	....	....
10	6	4	6	4	2	....	....	....	11	6	5	11	6	5	....	....	....	....	....	....
3	2	1	2	1	1	....	....	....	5	4	1	5	4	1	....	....	....	....	....	....
4	2	2	1	....	1	....	....	....	6	3	3	6	3	3	....	....	....	....	....	....
69	29	40	9	5	4	....	....	....	37	17	20	35	16	19	2	1	1	....	....	....
21	11	10	19	7	12	....	....	....	6	4	2	2	4	2	2	2	....	....	....	....
20	13	7	6	4	2	....	....	....	8	6	2	8	6	2	....	....	....	....	....	....
48	28	20	21	16	5	....	....	....	8	8	....	8	8	....	....	....	....	....	....	....
5	2	3	2	1	1	....	....	....	2	1	1	2	1	1	....	....	....	....	....	....
8	7	1	4	4	....	....	....	....	16	9	7	16	9	7	....	....	....	....	....	....
14	8	6	6	5	1	....	....	....	11	6	5	11	6	5	....	....	....	....	....	....
172	105	67	36	18	18	9	5	4	50	31	19	48	30	18	1	1	....	1	....	1
8	2	6	3	2	1	....	....	....	1	....	1	1	....	1	....	....	....	....	....	....
20	13	7	14	8	6	....	....	....	11	4	7	11	4	7	....	....	....	....	....	....
11	5	6	5	2	3	....	....	....	5	3	2	4	2	2	1	1	....	....	....	....
18	16	2	9	7	2	....	....	....	7	3	4	7	3	4	....	....	....	....	....	....
11	3	8	4	3	1	....	....	....	2	1	1	2	1	1	....	....	....	....	....	....
13	6	7	4	4	....	....	....	....	5	3	2	4	2	2	1	1	....	....	....	....
15	6	9	8	4	4	....	....	....	17	7	10	17	7	10	....	....	....	....	....	....
6	4	2	2	2	....	....	....	....	1	....	1	1	....	1	....	....	....	....	....	....
19	12	7	24	13	11	....	....	....	30	15	15	28	14	14	2	1	1	....	....	....
297	157	140	128	76	52	1	1	....	101	60	41	99	58	41	1	1	....	1	1	....
6	2	4	9	5	4	....	....	....	3	....	3	3	....	3	....	....	....	....	....	....
49	33	16	15	7	8	....	....	....	29	20	9	29	20	9	....	....	....	....	....	....
5	4	1	1	....	1	....	....	....	2	1	1	2	1	1	....	....	....	....	....	....
1	1	1	....	....	....	....	....	....	4	3	1	3	2	1	1	1	....	....	....	....
2	2	....	5	3	2	....	....	....	1	....	1	1	....	1	....	....	....	....	....	....
4	2	2	6	3	3	....	....	....	3	3	....	3	3	....	....	....	....	....	....	....
1	....	1	3	1	2	....	....	....	4	2	2	4	2	2	....	....	....	....	....	....
....	....	....	3	1	2	....	....	....	2	1	1	2	1	1	....	....	....	....	....	....
19	11	8	15	7	8	1	....	1	15	10	5	14	9	5	1	1	....	....	....	....
....	....	....	....	....	....	....	....	....	8	4	4	7	4	3	1	....	1	....	....	....
....	....	....	....	....	....	....	....	....	2	1	1	2	1	1	....	....	....	....	....	....
1	....	1	....	....	....	....	....	....	2	2	....	2	2	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	4	2	2	4	2	2	....	....	....	....	....	....
2	....	2	....	....	....	....	....	....	11	6	5	9	4	5	1	1	....	1	1	....
5	3	2	4	2	2	....	....	....	1	1	....	....	....	....	1	1	....	....	....	....
3	3	....	4	1	3	....	....	....	3	1	2	1	1	....	2	....	2	....	....	....
9	5	4	....	....	....	....	....	....	25	15	10	24	14	10	1	1	....	....	....	....
....	....	....	2	1	1	....	....	....	3	1	2	3	1	2	....	....	....	....	....	....
4	3	1	8	4	4	....	....	....	5	1	4	5	1	4	....	....	....	....	....	....
1	1	....	1	1	....	....	....	....	5	4	1	5	4	1	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	6	4	2	6	4	2	....	....	....	....	....	....
1	....	1	....	....	....	....	....	....	2	2	....	2	2	....	....	....	....	....	....	....
8	4	4	6	1	5	....	....	....	2	....	2	2	....	2	....	....	....	....	....	....
6	3	3	8	5	3	1	....	1	9	5	4	8	4	4	1	1	....	....	....	....
....	....	....	....	....	....	....	....	....	4	4	....	4	4	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	4	2	2	3	1	2	1	1	....	....	....	....
2	1	1	2	1	1	....	....	....	2	1	1	2	1	1	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	3	2	1	3	2	1	....	....	....	....	....	....
2	....	2	10	6	4	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....
7	4	3	3	2	1	....	....	....	3	2	1	3	2	1	....	....	....	....	....	....
16	9	7	2	1	1	....	....	....	37	18	19	36	17	19	1	1	....	....	....	....
....	....	....	....	....	....	....	....	....	12	5	7	12	5	7	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	2	1	1	2	1	1	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	4	....	4	4	....	4	....	....	....	....	....	....

Table 26—Deaths of Children under One Year (exclusive of Stillbirths), by Age at Death, in the Province of Ontario, 1936

Ages		Total
All infants		3,416
	M.	1,915
	F.	1,501
Under 1 day		818
	M.	458
	F.	360
1 day		250
	M.	149
	F.	101
2 days		158
	M.	91
	F.	67
3 days		145
	M.	86
	F.	59
4 days		85
	M.	47
	F.	38
5 days		45
	M.	19
	F.	26
6 days		52
	M.	25
	F.	27
Under 1 week		1,553
	M.	875
	F.	678
1 week and under 2 weeks		170
	M.	86
	F.	84
2 weeks and under 3 weeks		116
	M.	59
	F.	57
3 weeks and under 1 month		96
	M.	60
	F.	36
Under 1 month		1,935
	M.	1,080
	F.	855
1 month and under 2 months		284
	M.	172
	F.	112
2 months and under 3 months		236
	M.	138
	F.	98
3 months and under 4 months		190
	M.	92
	F.	98
4 months and under 5 months		156
	M.	87
	F.	69
5 months and under 6 months		116
	M.	67
	F.	49
6 months and under 7 months		99
	M.	58
	F.	41
7 months and under 8 months		105
	M.	59
	F.	46
8 months and under 9 months		97
	M.	52
	F.	45
9 months and under 10 months		72
	M.	43
	F.	29
10 months and under 11 months		68
	M.	38
	F.	30
11 months and under 12 months		58
	M.	29
	F.	29

Table 27—Deaths of Children under One Year of Age (exclusive of Stillbirths) Classified According to Racial Origin of Decedents, in the Province of Ontario, 1936

Racial Origins	Total
All origins	3,416
English	1,089
Irish	568
Scottish	365
Welsh	8
French	743
Armenian	1
Austrian	8
Belgian	9
Bulgarian	...
Chinese	3
Czech and Slovak	11
Danish	3
Dutch	38
Finish	22
German	131
Greek	4
Hindu	...
Hungarian	14
Icelandic	1
Indian	103
Italian	56
Japanese	1
Jewish	28
Negro	9
Norwegian	5
Polish	50
Roumanian	7
Russian	17
Serb and Croat	16
Swedish	12
Swiss	...
Syrian	2
Ukrainian*	43
Other	3
Not specified	46

*Including "Galician" and "Bukovinian."

Table 28—Deaths of Children under One Year of Age (exclusive of Stillbirths) Classified According to Birthplaces of Parents, in the Province of Ontario, 1936

| Birthplace of Father | Total Fathers | Birthplace of Mother | | |

| | | |

Table 29—Deaths of Children (exclusive of Stillbirths) from Certain Specified Causes in First Year of Life by Sex and Calendar Month of Death, Ontario, 1936

CAUSES OF DEATH	Total under 1 year			MONTH OF DEATH																					
				Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Total	M.	F.	M.	F.	M.	F.	M.	F	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
ALL CAUSES. **Total**	3,416	1915	1501	173	135	134	135	177	136	193	106	164	106	159	127	153	114	122	91	157	131	166	139	139	131	178	150
7. Measles	22	10	12	....	2	....	2	1	1	4	1	1	1	1	1	1	1	....	....	....	....	1	2	1	....	....	1
8. Scarlet fever	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....
9. Whooping-cough	78	43	35	2	2	1	4	4	1	....	4	6	4	3	3	4	1	6	2	8	3	3	4	3	3	3	4
10. Diphtheria	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....
11. Influenza	72	44	28	2	1	6	3	4	....	7	3	4	2	1	2	2	1	....	1	....	2	5	....	7	3	6	10
13. Dysentery	9	5	4	1	....	1	....	....	....	....	....	....	....	....	1	1	....	....	....	....	2	2	1	....	....	....	....
15. Erysipelas	22	11	11	....	2	1	2	....	2	....	1	....	....	4	1	....	....	....	....	....	....	1	1	3	....	2	2
16. Poliomyelitis and polioencephalitis (acute)	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1
18. Epidemic cerebrospinal meningitis	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....
23. Tuberculosis of the respiratory system	5	5	....	....	....	....	....	....	....	1	....	....	....	1	....	1	....	....	....	1	....	1	....	....	....	....	....
24. Tuberculosis of the meninges and central nervous system	4	3	1	1	....	....	....	....	....	....	....	....	1	....	....	1	....	1	....	....	....	....	....	....	....	....	....
25–32. Tuberculosis, other forms	3	3	....	1	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
34. Syphilis	20	12	8	1	1	....	1	....	....	2	....	1	....	1	2	1	1	1	2	3	1	1	....	....	....	1	....
36. Purulent infection, septicaemia	7	7	....	2	....	....	....	1	....	....	....	1	....	....	....	1	....	....	....	....	....	1	....	1	....	....	....
67. Diseases of the thymus gland	64	45	19	2	1	6	2	6	....	3	2	4	....	3	1	4	3	....	2	2	1	6	3	4	3	5	1
79. Simple meningitis	6	4	2	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	1	1	....	1	....
86. Convulsions	32	21	11	1	1	3	1	6	1	2	1	....	1	....	1	....	1	....	....	2	1	3	2	2	....	2	1
89. Diseases of the ear and mastoid process	16	9	7	1	....	....	1	1	....	3	1	....	3	1	1	1	....	....	....	....	....	2	1	....	....	....	....
105a. Croup	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1
106. Bronchitis	11	5	6	....	....	....	2	1	1	1	1	1	....	1	1	....	1	....	....	....	....	....	....	....	....	1	....
107. Bronchopneumonia	273	148	125	19	9	15	14	10	8	21	13	17	11	12	10	8	7	3	4	4	8	10	8	10	14	19	19
108, 109. Pneumonia	120	75	45	7	7	8	6	4	5	8	2	6	3	7	4	4	1	3	1	5	....	7	3	9	5	7	8
115. Diseases of the buccal cavity and annexa and of the pharynx and tonsils (including adenoid vegetations)	13	9	4	3	2	....	....	....	....	....	1	....	....	....	....	1	....	....	....	1	1	1	....	2	....	1	....
116–118. Diseases of the stomach	21	12	9	....	2	2	1	1	....	1	....	3	3	1	1	1	....	....	....	1	....	1	1	....	1	1	....
119. Diarrhoea and enteritis	322	166	156	7	6	3	13	12	15	13	5	11	7	4	10	17	8	12	11	34	27	34	30	9	18	10	6
122. Hernia, intestinal obstruction	17	10	7	....	....	....	1	....	....	2	....	3	1	1	3	1	....	1	1	1	1	....	....	1	....	....	....
130. Nephritis	6	3	3	....	....	....	....	1	....	1	....	1	....	....	1	....	....	....	....	....	....	....	....	....	1	....	1
157. Malformations	434	227	207	18	26	13	18	15	22	25	14	16	12	20	17	23	17	21	14	17	20	18	16	19	14	22	17
(A) Congenital hydrocephalus	56	27	29	1	3	....	2	2	1	2	....	4	4	....	2	7	5	2	1	....	2	3	2	5	3	1	4
(C) Congenital malformations of the heart	156	95	61	7	8	2	1	5	9	11	5	9	3	11	6	6	3	9	7	10	4	10	6	8	3	7	6
(B, D, E) Others under this title	222	105	117	10	15	11	15	8	12	12	9	3	5	9	9	10	9	10	6	7	14	5	8	6	8	14	7
158. Congenital debility	131	79	52	8	6	8	6	5	5	6	5	10	4	5	4	5	1	7	1	6	4	7	4	5	8	7	4
159. Premature birth	1,052	583	469	55	41	37	32	62	46	51	31	50	41	60	40	45	40	41	33	46	43	36	44	39	35	61	43

160. Injury at birth	244	144	100	15	10	12	15	19	8	19	5	11	2	10	10	11	3	11	11	10	3	11	7	9	11	6	15
161. Other diseases peculiar to early infancy (under 3 months)	210	118	92	18	8	9	7	9	14	14	10	9	6	13	7	10	10	10	5	5	9	6	5	5	6	10	5
(A-E) Specified diseases	204	116	88	17	7	9	7	9	14	14	10	9	5	13	7	10	10	10	5	5	9	6	5	4	4	10	5
(F) No cause given, no doctor in attendance	6	2	4	1	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	2	....	....
173–175. Homicide	8	2	6	....	2	....	....	....	....	....	1	....	....	1	2	....	....	....	....	....	....	....	....	....	1	1	....
176–198. Other external causes	68	41	27	2	....	3	1	3	3	5	1	2	1	4	1	9	11	2	....	6	2	....	1	5	1	....	5
Other specified causes	107	60	47	5	6	2	2	10	4	3	4	7	3	3	2	1	6	3	3	3	3	9	3	4	5	10	6
199–200. Unspecified or ill-defined causes	14	10	4	2	....	3	....	1	....	1	....	....	....	1	1	....	1	....	....	1	....	....	1	....	1	1	....

Table 30—Deaths of Children (exclusive of Stillbirths) from Certain Specified Causes

CAUSES OF DEATH	Total	Total under 1 year		Under 1 day		1 day & under 1 week		1 week & under 2 weeks		2 weeks & under 3 weeks	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
ALL CAUSES. **Total**	3,406	1,915	1,501	458	360	417	318	86	84	59	57
7. Measles	22	10	12	....	....	....	....	....	....	....	....
8. Scarlet fever	1	.....	1	....	....	....	....	....	....	....	....
9. Whooping-cough	78	43	35	....	....	....	....	....	....	....	....
10. Diphtheria	1	.....	1	....	....	....	....	....	1	....	....
11. Influenza	72	44	28	....	....	....	1	....	2	1	1
13. Dysentery	9	5	4	....	....	....	....	....	....	....	....
15. Erysipelas	22	11	11	....	....	....	....	1	....	1	1
16. Poliomyelitis and polioencephalis (acute)	1	.....	1	....	....	....	....	....	....	....	....
18. Epidemic cerebrospinal meningitis	1	1	.....	....	....	....	....	....	....	....	....
23. Tuberculosis of the respiratory system	5	5	.....	....	....	....	....	....	....	....	....
24. Tuberculosis of the meninges and central nervous system	4	3	1	....	....	....	....	....	....	....	....
25–32. Tuberculosis, other forms	3	3	.....	....	....	....	....	....	....	....	....
34. Syphilis	20	12	8	1	2	....	....	....	1	1	....
36. Purulent infection, septicaemia	7	7	.....	....	....	....	....	....	....	....	....
67. Diseases of the thymus gland	64	45	19	4	2	13	4	1	....	2	....
79. Simple meningitis	6	4	2	....	....	....	....	1	....	2	....
86. Convulsions	32	21	11	....	1	3	3	3	....	....	1
89. Diseases of the ear and mastoid process	16	9	7	....	....	....	....	....	....	....	....
105a. Croup	1	.....	1	....	....	....	....	....	....	....	....
106. Bronchitis	11	5	6	....	....	....	....	....	....	....	....
107. Bronchopneumonia	273	148	125	....	....	3	2	2	2	4	8
108, 109. Pneumonia	120	75	45	1	1	2	1	1	2	2	2
115. Diseases of the buccal cavity and annexa and of the pharynx and tonsils (including adenoid vegetations)	13	9	4	....	....	1	....	....	1	1	....
116–118. Diseases of the stomach	21	12	9	....	....	1	1	1	....	....	1
119. Diarrhoea and enteritis	322	166	156	....	....	2	2	3	5	7	5
122. Hernia, intestinal obstruction	17	10	7	....	....	....	....	....	....	....	....
130. Nephritis	6	3	3	....	....	1	....	....	....	....	....
157. Malformations	434	227	207	37	41	59	48	21	20	9	12
(A) Congenital hydrocephalus	56	27	29	8	7	3	6	1	2	....	1
(C) Congenital malformations of the heart	156	95	61	17	5	32	19	8	4	4	3
(B, D, E) Others under this title	222	105	117	12	29	24	23	12	14	5	8
158. Congenital debility	131	79	52	17	11	22	14	4	2	6	2
159. Premature birth	1,052	583	469	290	232	197	138	26	30	16	20
150. Injury at birth	244	144	100	73	37	54	56	8	4	....	1
161. Other diseases peculiar to early infancy (under 3 months)	210	118	92	33	26	51	42	11	9	5	3
(A-E) Specified diseases	204	116	88	33	24	50	41	11	9	4	3
(F) No cause given, no doctor in attendance	6	2	4	....	2	1	1	....	....	1	....
173–175. Homicide	8	2	6	2	6	....	....	....	....	....	....
176–198. Other external causes	68	41	27	....	....	3	3	....	2	....	....
Other specified causes	107	60	47	....	1	3	2	2	3	2	....
199, 200. Unspecified or ill-defined causes	14	10	4	....	....	3	....	1	....	....	....

in First Year of Life, by Sex and Age at Death, for the Province of Ontario, 1936

AGE AT DEATH																									
3 weeks & under 1 month		1 month & under 2 months		2 months & under 3 months		3 months & under 4 months		4 months & under 5 months		5 months & under 6 months		6 months & under 7 months		7 months & under 8 months		8 months & under 9 months		9 months & under 10 months		10 months & under 11 months		11 months & under 12 months	
Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
60	36	172	112	138	98	92	98	87	69	67	49	58	41	59	46	52	45	43	29	38	30	29	29
....	....	2	1	1	2	2	1	1	2	....	2	2	1	1	1	....	....	....	1	1	....	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....
....	1	5	5	7	4	4	6	5	4	2	2	5	3	6	3	3	2	1	1	3	1	2	3
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	1	6	4	7	1	3	3	5	2	3	2	5	3	2	1	4	1	2	2	4	2	1	2
....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	2	2	1	....	1	....	....	1
....	1	2	....	3	2	....	2	....	1	1	....	1	1	....	1	....	2	1	....	1	....	....	....
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	1	....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	2	....
....	....	....	....	....	....	....	....	1	1	....	....	1	....	1	....	....	....	....	....	....	....	....	....
....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....
....	....	1	1	2	2	2	1	2	....	....	....	1	1	....	....	....	....	1	....	....	....	1	....
....	....	1	....	1	....	2	....	1	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....
....	1	7	3	6	2	1	4	2	2	1	....	2	....	2	1	2	....	2	....	....	....	....	....
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....
2	....	5	....	....	1	1	2	1	1	....	....	3	....	1	....	....	2	....	....	1	....	1	....
....	....	1	....	1	2	1	1	2	....	1	1	1	....	1	....	....	....	....	2	1	....	....	1
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	1	2	....	....	1	....	1	2	....	1	....	....	....	....	1	....	1	....	1	....	....
7	2	21	16	21	11	18	16	16	17	10	11	9	5	14	10	7	8	6	5	6	7	4	5
3	1	5	3	9	5	10	3	11	4	7	5	4	2	3	1	6	4	5	2	4	4	2	5
....	....	....	1	....	....	1	....	1	2	....	....	....	....	....	....	1	....	2	....	....	....	2	....
2	1	3	1	3	2	1	1	1	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....
1	3	20	11	22	24	24	24	13	15	17	15	12	13	11	11	16	10	9	8	5	6	4	4
....	....	2	....	1	....	....	....	....	3	1	....	3	....	1	1	....	2	....	1	2	....	....	....
....	....	1	....	....	....	1	1	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....
14	11	33	24	12	13	9	13	9	4	6	3	4	5	4	3	6	5	1	1	3	1	....	3
1	1	3	4	3	2	1	1	4	....	....	....	....	1	1	2	....	2	....	....	2	....	....	....
6	3	9	6	2	3	2	8	2	1	2	3	3	3	2	....	4	2	1	....	1	....	....	1
7	7	21	14	7	8	6	4	3	3	4	....	1	1	1	1	2	1	....	1	....	1	....	2
3	2	13	5	6	7	....	4	3	1	2	2	....	....	2	....	....	1	1	....	....	1	....	....
15	7	20	18	9	10	2	8	4	2	3	2	1	1	....	....	....	1	....	....	....	....	....	....
1	....	1	1	3	1	1	....	1	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....
7	1	6	9	5	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
7	1	6	8	5	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2	....	8	4	6	2	4	....	4	3	3	1	....	3	1	4	1	....	4	1	1	2	4	2
2	4	7	3	8	4	4	4	3	3	5	2	....	1	6	8	4	2	6	4	3	4	5	2
....	....	1	1	1	1	....	1	....	....	2	....	....	1	....	....	....	....	....	....	1	....	1	....	....

Table 31—Total Deaths (exclusive of Stillbirths) and Deaths in Institutions, Showing the Number Non-Resident in the Province of Ontario, 1936

	All Deaths						In Institutions					
	Total			Non-resident in Province			Total			Non-resident in Province		
	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.
Total for the Province....	37,571	19,916	17,655	374	229	145	13,555	7,627	5,928	207	120	87

Table 32—Total Deaths (exclusive of Stillbirths) and Deaths in Towns of 5,000 Population and

Cities and Towns	All Deaths												Deaths		
	Total			Residents			Non-resident in City or Town where Death Occurred and						Total		
							Resident in Province			Non-resident in Province					
	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.
Cities:															
Belleville	259	133	126	174	77	97	80	51	29	5	5	....	145	84	61
Brantford	403	219	184	341	184	157	59	34	25	3	1	2	220	125	95
Chatham	325	187	138	191	110	81	132	76	56	2	1	1	211	127	84
Fort William	219	128	91	162	91	71	54	34	20	3	3	....	150	88	62
Galt	169	100	69	133	75	58	36	25	11	....	....	....	79	53	26
Guelph	204	110	94	157	79	78	43	27	16	4	4	....	91	54	37
Hamilton	1639	808	831	1468	714	754	161	87	74	10	7	3	842	443	399
Kingston	488	242	246	312	155	157	154	75	79	22	12	10	300	153	147
Kitchener	384	177	207	282	129	153	100	48	52	2	....	2	202	102	100
London	1104	582	522	820	414	406	277	165	112	7	3	4	653	375	278
Niagara Falls	202	105	97	159	82	77	42	23	19	1	....	1	91	49	42
North Bay	171	115	56	139	90	49	30	23	7	2	2	....	93	71	22
Oshawa	222	116	106	189	90	99	33	26	7	....	....	....	103	61	42
Ottawa	1787	907	880	1481	733	748	234	138	96	72	36	36	1092	581	511
Owen Sound	183	102	81	146	79	67	36	22	14	1	1	....	68	36	32
Peterborough	374	180	194	296	141	155	76	39	37	2	....	2	195	101	94
Port Arthur	218	125	93	162	93	69	55	31	24	1	1	....	137	77	60
St. Catharines	311	180	131	235	129	106	75	51	24	1	....	1	160	108	52
St. Thomas	266	131	135	206	93	113	59	37	22	1	1	....	133	65	68
Sarnia	261	139	122	221	110	111	36	26	10	4	3	1	120	72	48
Sault Ste. Marie	238	127	111	196	98	98	40	29	11	2	....	2	110	65	45
Stratford	200	88	112	173	71	102	27	17	10	....	....	....	81	38	43
Sudbury	327	189	138	220	128	92	107	61	46	....	....	....	208	124	84
Toronto	7044	3578	3466	6058	2997	3061	968	567	401	18	14	4	3583	2015	1568
Welland	146	82	64	85	46	39	60	36	24	1	....	1	90	52	38
Windsor	882	485	397	743	403	340	126	75	51	13	7	6	501	284	217
Woodstock	193	101	92	139	69	70	54	32	22	....	....	....	91	51	40
Towns:															
Barrie	92	49	43	67	38	29	25	11	14	....	....	....	30	16	14
Brampton	85	40	45	66	28	38	19	12	7	....	....	....	34	19	15
Brockville	177	81	96	120	52	68	54	29	25	3	....	3	98	45	53
Cobourg	104	48	56	80	36	44	24	12	12	....	....	....	54	26	28
Collingwood	102	49	53	78	41	37	23	8	15	1	....	1	40	22	18
Cornwall	260	144	116	164	92	72	91	48	43	5	4	1	177	98	79
Eastview	47	19	28	45	18	27	2	1	1	....	....	....	....	....	....
Forest Hill	34	14	20	31	12	19	3	2	1	....	....	....	....	....	....
Fort Erie	68	32	36	50	22	28	15	8	7	3	2	1	27	14	13
Fort Francis	36	21	15	29	15	14	7	6	1	....	....	....	9	7	2
Hawkesbury	61	30	31	44	19	25	10	5	5	7	6	1	21	9	12
Ingersoll	97	53	44	80	44	36	17	9	8	....	....	....	29	17	12
Kenora	92	49	43	57	30	27	29	15	14	6	4	2	58	31	27
Kirkland Lake	125	79	46	109	70	39	15	9	6	1	....	1	51	36	15
Leamington	65	32	33	47	26	21	18	6	12	....	....	....	21	8	13
Lindsay	151	85	66	100	53	47	51	32	19	....	....	....	77	47	30
Midland	78	44	34	64	38	26	14	6	8	....	....	....	23	15	8
Mimico	37	15	22	34	15	19	3	....	3	....	....	....	1	....	1
New Toronto	174	96	78	26	11	15	145	82	63	3	3	....	153	87	66
Orillia	178	93	85	113	60	53	64	32	32	1	1	....	90	47	43
Pembroke	170	93	77	96	50	46	58	35	23	16	8	8	101	53	48
Port Colborne	29	17	12	28	16	12	....	....	....	1	1	....	....	....	....
Preston	43	22	21	37	18	19	5	3	2	1	1	....	4	2	2
Renfrew	71	42	29	51	27	24	17	13	4	3	2	1	29	22	7
Riverside	10	5	5	9	4	5	1	1	....	....	....	....	....	....	....
Simcoe	113	60	53	61	28	33	49	31	18	3	1	2	62	36	26
Smiths Falls	107	50	57	81	37	44	26	13	13	....	....	....	49	24	25
Swansea	31	17	14	31	17	14	....	....	....	....	....	....	....	....	....
Timmins	190	104	86	155	81	74	35	23	12	....	....	....	90	54	36
Trenton	67	28	39	62	25	37	4	3	1	1	....	1	....	....	....
Waterloo	68	32	36	67	32	35	1	....	1	....	....	....	....	....	....
Weston	29	15	14	26	12	14	3	3	....	....	....	....	2	2	....
Whitby	166	87	79	49	22	27	116	64	52	1	1	....	128	70	58

Institutions, Classified According to Residence of Decedents in Cities and Over, in the Province of Ontario, 1936

In Institutions									Deaths Elsewhere than in Institutions											
Residents			Non-resident in City or Town where Death Occurred and						Total			Residents			Non-resident in City or Town where Death Occurred and					
			Resident in Province			Non-resident in Province									Resident in Province			Non-resident in Province		
Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.
68	33	35	74	48	26	3	3	....	114	49	65	106	44	62	6	3	3	2	2	....
161	91	70	57	33	24	2	1	1	183	94	89	180	93	87	2	1	1	1	....	1
84	54	30	125	72	53	2	1	1	114	60	54	107	56	51	7	4	3	....	....	....
96	54	42	52	32	20	2	2	....	69	40	29	66	37	29	2	2	....	1	1	....
45	30	15	34	23	11	....	....	....	90	47	43	88	45	43	2	2	....	....	....	....
50	26	24	37	24	13	4	4	....	113	56	57	107	53	54	6	3	3	....	....	....
695	361	334	142	78	64	5	4	1	797	365	432	773	353	420	19	9	10	5	3	2
150	79	71	130	63	67	20	11	9	188	89	99	162	76	86	24	12	12	2	1	1
110	57	53	90	45	45	2	....	2	182	75	107	172	72	100	10	3	7	....	....	....
380	214	166	268	159	109	5	2	3	451	207	244	440	200	240	9	6	3	2	1	1
51	29	22	39	20	19	1	....	1	111	56	55	108	53	55	3	3	....	....	....	....
61	46	15	30	23	7	2	2	....	78	44	34	78	44	34	....	....	....	....	....	....
75	38	37	28	23	5	....	....	....	119	55	64	114	52	62	5	3	2	....	....	....
817	423	394	213	126	87	62	32	30	695	326	369	664	310	354	21	12	9	10	4	6
33	14	19	35	22	13	....	....	....	115	66	49	113	65	48	1	....	1	1	1	....
121	64	57	72	37	35	2	....	2	179	79	100	175	77	98	4	2	2	....	....	....
85	49	36	52	28	24	....	....	....	81	48	33	77	44	33	3	3	....	1	1	....
89	59	30	71	49	22	....	....	....	151	72	79	146	70	76	4	2	2	1	....	1
80	32	48	53	33	20	....	....	....	133	66	67	126	61	65	6	4	2	1	1	....
84	46	38	35	25	10	1	1	....	141	67	74	137	64	73	1	1	....	3	2	1
73	38	35	37	27	10	....	....	....	128	62	66	123	60	63	3	2	1	2	....	2
55	22	33	26	16	10	....	....	....	119	50	69	118	49	69	1	1	....	....	....	....
110	69	41	98	55	43	....	....	....	119	65	54	110	59	51	9	6	3	....	....	....
2676	1472	1204	896	534	362	11	9	2	3461	1563	1898	3382	1525	1857	72	33	39	7	5	2
35	21	14	54	31	23	1	....	1	56	30	26	50	25	25	6	5	1	....	....	....
375	210	165	116	69	47	10	5	5	381	201	180	368	193	175	10	6	4	3	2	1
37	19	18	54	32	22	....	....	....	102	50	52	102	50	52	....	....	....	....	....	....
13	9	4	17	7	10	....	....	....	62	33	29	54	29	25	8	4	4	....	....	....
15	7	8	19	12	7	....	....	....	51	21	30	51	21	30	....	....	....	....	....	....
46	17	29	49	28	21	3	....	3	79	36	43	74	35	39	5	1	4	....	....	....
34	15	19	20	11	9	....	....	....	50	22	28	46	21	25	4	1	3	....	....	....
22	15	7	18	7	11	....	....	....	62	27	35	56	26	30	5	1	4	1	....	1
85	48	37	87	46	41	5	4	1	83	46	37	79	44	35	4	2	2	....	....	....
....	....	....	....	....	....	....	....	....	47	19	28	45	18	27	2	1	1	....	....	....
....	....	....	....	....	....	....	....	....	34	14	20	31	12	19	3	2	1	....	....	....
14	6	8	11	7	4	2	1	1	41	18	23	36	16	20	4	1	3	1	1	....
4	3	1	5	4	1	....	....	....	27	14	13	25	12	13	2	2	....	....	....	....
8	2	6	9	4	5	4	3	1	40	21	19	36	17	19	1	1	....	3	3	....
15	10	5	14	7	7	....	....	....	68	36	32	65	34	31	3	2	1	....	....	....
31	15	16	23	13	10	4	3	1	34	18	16	26	15	11	6	2	4	2	1	1
38	28	10	12	8	4	1	....	1	74	43	31	71	42	29	3	1	2	....	....	....
6	3	3	15	5	10	....	....	....	44	24	20	41	23	18	3	1	2	....	....	....
28	17	11	49	30	19	....	....	....	74	38	36	72	36	36	2	2	....	....	....	....
11	9	2	12	6	6	....	....	....	55	29	26	53	29	24	2	....	2	....	....	....
....	....	....	1	....	1	....	....	....	36	15	21	34	15	19	2	....	2	....	....	....
8	5	3	142	79	63	3	3	....	21	9	12	18	6	12	3	3	....	....	....	....
33	18	15	56	28	28	1	1	....	88	46	42	80	42	38	8	4	4	....	....	....
36	17	19	50	29	21	15	7	8	69	40	29	60	33	27	8	6	2	1	1	....
....	....	....	....	....	....	....	....	....	29	17	12	28	16	12	....	....	....	1	1	....
....	....	....	3	1	2	1	1	....	39	20	19	37	18	19	2	2	....	....	....	....
11	9	2	15	11	4	3	2	1	42	20	22	40	18	22	2	2	....	....	....	....
....	....	....	....	....	....	....	....	....	10	5	5	9	4	5	1	1	....	....	....	....
18	7	11	42	28	14	2	1	1	51	24	27	43	21	22	7	3	4	1	....	1
25	11	14	24	13	11	....	....	....	58	26	32	56	26	30	2	....	2	....	....	....
....	....	....	....	....	....	....	....	....	31	17	14	31	17	14	....	....	....	....	....	....
61	36	25	29	18	11	....	....	....	100	50	50	94	45	49	6	5	1	....	....	....
....	....	....	....	....	....	....	....	....	67	28	39	62	25	37	4	3	1	1	....	1
....	....	....	....	....	....	....	....	....	68	32	36	67	32	35	1	....	1	....	....	....
....	....	....	2	2	....	....	....	....	27	13	14	26	12	14	1	1	....	....	....	....
16	9	7	111	60	51	1	1	....	38	17	21	33	13	20	5	4	1	....	....	....

Table 33—Deaths (exclusive of Stillbirths) by Single Years of Age and by Age Groups in the Province of Ontario, 1936

AGES	TOTAL FOR PROVINCE		
	Total	Male	Female
All ages	37,571	19,916	17,655
Under 1 year	3,416	1,915	1,501
1 year	402	214	188
2 years	211	116	95
3 "	134	79	55
4 "	116	60	56
Total under 5 years	4,279	2,384	1,895
5 years	105	55	50
6 "	120	65	55
7 "	91	56	35
8 "	57	32	25
9 "	69	38	31
Total 5-9 years	442	246	196
10 years	68	42	26
11 "	58	43	15
12 "	52	35	17
13 "	64	41	23
14 "	69	34	35
Total 10-14 years	311	195	116
15 years	80	44	36
16 "	95	49	46
17 "	98	48	50
18 "	100	57	43
19 "	102	56	46
Total 15-19 years	475	254	221
20 years	121	65	56
21 "	135	62	73
22 "	150	79	71
23 "	147	72	75
24 "	148	76	72
Total 20-24 years	701	354	347
25 years	143	72	71
26 "	135	69	66
27 "	150	71	79
28 "	137	75	62
29 "	153	75	78
Total 25-29 years	718	362	356
30 years	154	71	83
31 "	154	70	84
32 "	175	88	87
33 "	182	101	81
34 "	178	91	87
Total 30-34 years	843	421	422
35 years	185	92	93
36 "	194	101	93
37 "	165	96	69
38 "	197	110	87
39 "	172	92	80
Total 35-39 years	913	491	422
40 years	218	116	102
41 "	193	104	89
42 "	258	140	118
43 "	257	145	112
44 "	234	125	109
Total 40-44 years	1,160	630	530
45 years	262	151	111
46 "	293	173	120
47 "	299	179	120
48 "	291	162	129
49 "	321	169	152
Total 45-49 years	1,466	834	632
50 years	366	192	174
51 "	330	195	135
52 "	469	296	173
53 "	398	216	182
54 "	429	250	179
Total 50-54 years	1,992	1,149	843
55 years	452	272	180
56 "	441	236	205
57 "	463	274	189
58 "	501	277	224
59 "	514	281	233
Total 55-59 years	2,371	1,340	1,031
60 years	576	327	249
61 "	507	282	225
62 "	589	328	261
63 "	579	325	254
64 "	626	342	284
Total 60-64 years	2,877	1,604	1,273
65 years	685	361	324
66 "	688	344	344
67 "	651	359	292
68 "	785	428	357
69 "	780	427	353
Total 65-69 years	3,589	1,919	1,670
70 years	849	466	383
71 "	773	428	345
72 "	913	452	461
73 "	927	492	435
74 "	923	474	449
Total 70-74 years	4,385	2,312	2,073
75 years	1,034	530	504
76 "	1,011	523	488
77 "	831	415	416
78 "	927	461	466
79 "	874	452	422
Total 75-79 years	4,677	2,381	2,296
80 years	774	371	403
81 "	682	346	336
82 "	734	356	378
83 "	648	327	321
84 "	583	301	282
Total 80-84 years	3,421	1,701	1,720
85 years	558	266	292
86 "	478	209	269
87 "	416	191	225
88 "	308	137	171
89 "	258	132	126
Total 85-89 years	2,018	935	1,083
90 years	234	102	132
91 "	154	67	87
92 "	145	60	85
93 "	105	36	69
94 "	82	41	41
Total 90-94 years	720	306	414
95 years	64	33	31
96 "	53	22	31
97 "	18	9	9
98 "	17	6	11
99 "	14	8	6
Total 95-99 years	166	78	88
100 years and over	36	10	26
Not stated	11	10	1

Table 34—Deaths (exclusive of Stillbirths) Classified by Racial Origin of Decedents in the Province of Ontario, 1936

RACIAL ORIGIN	ONTARIO			RACIAL ORIGIN	ONTARIO		
	Total	Male	Female		Total	Male	Female
ALL ORIGINS	37,571	19,916	17,655	Hungarian	70	49	21
English	13,651	7,146	6,505	Icelandic	3	2	1
Irish	8,491	4,366	4,125	Indian	516	275	241
Scottish	6,219	3,183	3,036	Italian	294	176	118
Welsh	179	98	81	Japanese	1	1	...
French	3,230	1,754	1,476	Jewish	378	220	158
German	1,791	930	861	Negro	113	67	46
Armenian	11	9	2	Norwegian	45	26	19
Austrian	87	66	21	Polish	302	191	111
Belgian	48	30	18	Roumanian	52	38	14
Bulgarian	4	4	...	Russian	121	88	33
Chinese	59	56	3	Serb and Croat	52	33	19
Czech and Slovak	59	37	22	Swedish	109	69	40
Danish	31	23	8	Swiss	35	21	14
Dutch	635	329	306	Syrian	20	9	11
Finnish	253	175	78	Ukrainian*	180	126	54
Greek	33	26	7	Other	24	15	9
Hindu	...	...	...	Not specified	475	278	197

*Including "Galician" and "Bukovinian."

Table 35—Deaths (exclusive of Stillbirths) Classified According to Birthplace of Decedents for the Province of Ontario and for Cities and Towns of 10,000 Population and Over, 1936

| Province, Cities and Towns | Total Deaths by Sex | BIRTHPLACE OF DECEDENTS | | |

| | | |

Table 35—Deaths (exclusive of Stillbirths) Classified According to Birthplace of Decedents for the Province of Ontario and for Cities and Towns of 10,000 Population and Over, 1936—Continued

| Province, Cities and Towns | Total Deaths by Sex | BIRTHPLACE OF DECEDENTS | | |

| | | |

Table 36—Deaths (exclusive of Stillbirths) Classified According to Birthplaces of Parents of Decedents in the Province of Ontario, 1936

Birthplace of Father	Total Fathers	Birthplace of Mother: Canada										British Isles					British Possessions		Europe																	Asia					
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Province not specified	England	Ireland	Scotland	Wales	Other	Newfoundland	Other	Austria	Belgium	Denmark	Finland	France	Germany	Holland	Hungary	Italy	Norway	Poland	Roumania	Russia*	Sweden	Other	China	Japan	Other	United States	Various	Not specified
Canada	14,930	14	107	88	1660	10358	25	15	7	13	695	503	433	313	10	3	9	5	...	1	...	2	7	39	4	1	1	2	4	...	5	1	4	...	1	1	331	1	267
Prince Edward Island	28	7	...	1	2	11	..	..	..	..	....	1	1	3	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Nova Scotia	152	..	86	3	2	35	1	1	..	..	2	4	3	4	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	5	..	4
New Brunswick	99	1	4	64	5	14	..	..	..	..	2	2	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	4
Quebec	1953	..	1	3	1385	365	3	3	..	..	10	23	46	23	1	..	1	..	..	..	..	..	2	..	..	..	1	..	..	..	..	..	..	..	..	..	38	..	48
Ontario	11,810	6	15	16	254	9865	13	9	6	10	60	427	349	253	8	3	6	4	...	1	...	2	5	35	4	1	..	2	2	...	3	1	4	...	1	1	260	1	183
Manitoba	45	..	..	..	5	19	7	1	1	1	....	4	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	1	....	1	....	....	....	....	....	4	..	1
Saskatchewan	13	..	..	..	....	8	1	1	..	..	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Alberta	6	..	1	1	1	2	..	..	..	..	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
British Columbia	3	..	..	..	....	1	..	..	..	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Province not specified	821	..	..	..	6	38	..	..	..	..	621	41	34	29	....	....	....	1	....	....	....	....	....	2	....	....	....	....	1	....	....	....	....	....	....	....	22	..	26
British Isles	17,037	4	34	13	137	2252	5	2	3	..	350	6378	4015	3170	123	20	10	21	....	....	....	2	19	17	7	....	....	....	....	....	....	....	2	....	....	....	203	2	248
England	7,970	1	12	4	45	923	1	1	2	..	145	6035	333	215	30	4	7	10	....	....	....	1	12	7	6	....	....	....	....	....	....	....	1	....	....	....	82	1	92
Ireland	5,055	..	8	4	61	791	1	..	1	..	129	180	3504	174	6	..	3	4	....	....	....	1	3	4	1	....	....	....	....	....	....	....	1	....	....	....	82	..	97
Scotland	3,850	3	14	4	28	518	2	1	..	..	74	145	165	2779	7	1	..	6	....	....	....	....	3	6	....	....	....	....	....	....	....	....	....	....	....	....	35	1	58
Wales	139	..	..	1	2	20	1	..	..	..	2	16	10	2	80	..	..	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	..	....
Other	23	..	..	..	1	....	..	..	..	..	....	2	3	....	....	15	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1
British Possessions	134	..	1	1	2	24	..	1	..	..	2	12	6	5	....	..	56	19	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	..	4
Newfoundland	81	..	..	1	2	12	..	..	..	..	1	2	4	1	....	....	56	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	..	1
Other	53	..	1	..	....	12	..	1	..	..	1	10	2	4	....	....	....	19	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3
Europe	3,240	..	2	2	22	215	11	5	..	..	32	32	36	13	....	....	1	...	131	45	20	239	63	802	22	64	240	33	415	72	370	84	195	....	....	....	35	1	38
Austria	137	..	..	..	1	3	1	..	..	..	1	....	....	....	....	....	....	....	125	....	....	....	....	....	....	....	....	....	3	1	1	....	....	....	....	....	1	..	....
Belgium	46	..	..	..	....	2	..	..	..	..	....	2	....	....	....	....	....	....	....	42	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Denmark	27	..	..	..	....	2	1	..	..	..	....	....	1	1	....	....	....	....	....	1	20	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	1	..	2
Finland	239	..	..	..	....	2	..	..	..	..	1	....	....	....	....	....	....	....	....	....	....	232	....	....	....	....	....	....	....	....	....	....	....	....	....	....	6	..	5
France	126	..	..	1	8	23	..	..	..	..	1	..	6	..	8	..	1	..	....	1	....	....	53	10	....	....	1	....	1	....	....	....	1	....	....	....	19	..	22
Germany	1,005	..	..	..	2	115	..	..	..	..	12	13	19	5	....	....	....	....	....	....	....	....	9	783	....	....	....	1	1	1	1	2	....	....	....	1	..	3
Holland	52	..	1	1	1	10	..	1	..	..	2	3	5	....	....	....	....	....	....	....	....	....	....	2	22	....	....	....	....	....	....	....	....	....	....	....	....	....	1
Hungary	67	..	..	..	....	1	..	..	..	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	64	....	....	....	1	....	....	....	....	....	....	....	....	....
Italy	276	..	..	..	4	18	..	..	..	..	4	3	1	1	....	....	....	....	....	....	....	....	1	....	1	....	....	239	....	1	....	....	....	....	....	....	2	1	....
Norway	40	..	..	..	1	2	..	1	..	..	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	32	....	....	....	2	....	....	....	....	1	....	....
Poland	419	..	..	..	2	9	4	1	..	..	3	....	....	1	....	....	....	....	3	....	....	....	....	....	....	....	....	....	391	....	2	....	1	....	....	....	....	....	2
Roumania	77	..	..	..	1	1	..	..	..	..	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	2	67	2	1	....	....	....	....	....	....	....
Russia*	411	..	..	..	....	13	3	2	..	..	4	....	....	1	....	....	....	....	1	....	....	....	....	2	....	....	....	....	15	2	363	....	2	....	....	....	1	..	2

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TABLE 37—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1936

CAUSES OF DEATH	Sex	Total	AGES—YEARS																									
			Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
Deaths—All Causes. Total		**37571**	**3416**	**402**	**211**	**134**	**116**	**442**	**311**	**475**	**701**	**718**	**843**	**913**	**1160**	**1466**	**1992**	**2371**	**2877**	**3589**	**4385**	**4677**	**3421**	**2018**	**720**	**166**	**36**	**11**	
	M	19916	1915	214	116	79	60	246	195	254	354	362	421	491	630	834	1149	1340	1604	1919	2312	2381	1701	935	306	78	10	10	
	F	17655	1501	188	95	55	56	196	116	221	347	356	422	422	530	632	843	1031	1273	1670	2073	2296	1720	1083	414	88	26	1	
Class I.—Infectious and Parasitic Diseases																													
Total		2865	260	120	48	42	24	128	73	139	192	177	168	159	147	161	168	146	147	142	128	138	85	55	14	4	....	....	
	M	1569	150	63	27	24	14	67	41	62	78	78	86	102	95	97	118	94	92	73	64	71	41	24	6	2	....	....	
	F	1296	110	57	21	18	10	61	32	77	114	99	82	57	52	64	50	52	55	69	64	67	44	31	8	2	....	....	
1. Typhoid fever	M	27	....	....	1	1	....	1	2	7	2	5	3	1	....	1	1	1	....	1	....	....	....	....	....	....	....	....	1
	F	13	....	1	....	....	....	2	1	....	2	....	1	1	1	1	1	....	1	1	....	....	....	....	....	....	....	....	
2. Paratyphoid fever	F	3	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	2	....	....	....	....	....	....	2
5. Undulant fever	M	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	5
	F	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	
7. Measles	M	45	10	11	5	2	1	10	3	2	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	7
	F	39	12	8	3	1	3	6	1	....	1	2	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	
8. Scarlet fever	M	34	....	3	1	2	5	8	7	2	1	1	2	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	8
	F	45	1	3	2	2	1	20	4	1	3	2	1	2	1	2	....	....	....	....	....	....	....	....	....	....	....	....	
9. Whooping-cough	M	58	43	10	3	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	9
	F	54	35	13	1	2	....	1	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
10. Diphtheria	M	14	....	....	1	2	2	3	3	1	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	10
	F	17	1	4	1	2	1	4	....	....	1	1	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	
11. Influenza	M	347	44	15	1	3	1	9	4	4	4	7	7	10	13	12	14	20	20	31	29	38	34	21	6	....	....	....	11
	F	375	28	13	4	4	2	5	5	12	13	6	13	6	8	9	14	23	20	36	41	45	33	27	7	1	....	....	
11A. Sole Cause	M	28	5	4	....	....	....	....	1	....	....	....	1	....	....	....	....	1	2	2	2	5	2	2	1	....	....	....	11A
	F	21	1	1	....	....	....	1	1	....	....	....	....	....	....	....	....	1	....	....	4	3	4	1	3	1	....	....	
11B. With bronchitis	M	13	4	....	....	....	....	....	....	....	....	....	1	1	1	....	....	1	2	....	....	1	1	....	1	....	....	....	11B
	F	14	1	....	....	....	....	....	....	....	....	....	....	....	....	1	1	1	1	2	1	1	3	2	....	....	....	....	
11C. With pneumonia	M	182	17	6	1	2	1	6	2	3	3	4	5	3	8	11	12	14	10	21	15	12	17	6	3	....	....	....	11C
	F	159	13	5	1	2	1	....	....	9	5	5	5	5	6	4	4	8	10	18	18	17	12	8	3	....	....	....	
11D. With other diseases of the repiratory system	M	14	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	1	2	....	2	2	1	3	....	....	....	11D
	F	24	1	1	1	....	....	....	....	....	....	....	....	....	....	1	1	....	2	1	5	4	3	3	1	....	....	....	
11E. With intestinal complications	M	22	8	1	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	1	....	5	3	2	....	....	....	....	11E
	F	35	7	2	1	1	....	....	....	....	2	....	1	....	....	....	2	1	1	....	4	5	3	5	....	....	....	....	
11F. With other causes	M	88	9	4	....	1	....	2	1	1	1	2	....	6	3	1	1	3	4	7	10	13	10	8	1	....	....	....	11F
	F	122	5	4	1	1	1	4	4	3	6	1	7	1	2	3	6	12	6	15	9	15	8	8	....	....	....	....	
13. Dysentery	M	17	5	1	2	2	....	....	....	....	....	....	1	....	....	....	1	1	1	....	....	3	....	....	....	....	....	....	13
	F	17	4	2	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	4	4	1	....	....	....	....	
15. Erysipelas	M	47	11	1	2	....	....	....	....	....	1	....	2	1	2	3	3	3	3	4	3	5	2	....	....	1	....	....	15
	F	34	11	3	....	....	....	....	1	1	....	....	....	1	....	....	1	2	4	1	4	4	....	1	....	....	....	....	....	

16. Poliomyelitis and polioencephalitis (acute)	M	12	....	1	....	....	1	2	2	1	2	1	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	16
	F	11	1	....	1	1	....	3	2	1	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	
17. Lethargic or epidemic encephalitis	M	9	....	....	....	....	....	1	....	....	....	....	....	3	....	....	3	....	2	....	....	....	....	....	....	....	....	....	17
	F	6	1	....	....	....	....	....	....	1	....	....	....	....	....	2	1	....	....	....	1	....	....	....	....	....	....	....	
18. Epidemic cerebrospinal meningitis	M	12	1	....	1	....	....	1	1	4	1	2	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	18
	F	8	....	1	....	1	1	2	2	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	
22. Tetanus	M	16	....	....	....	....	....	4	1	1	1	1	2	....	2	....	1	1	....	....	....	2	....	....	....	....	....	....	22
	F	4	....	....	....	1	....	2	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	
23–32. Tuberculosis	M	749	11	17	7	10	3	24	13	37	60	57	60	76	64	64	71	52	50	30	23	15	3	2	....	....	....	....	23–32
	F	578	1	7	7	1	2	13	15	56	86	82	60	45	35	39	26	19	26	23	17	10	6	1	....	1	....	....	
23. Tuberculosis of the respiratory system	M	613	5	1	3	....	1	8	6	30	50	50	50	67	62	57	68	47	46	26	19	13	3	1	....	....	....	....	23
	F	496	....	4	2	....	....	4	10	47	80	75	58	41	29	35	22	18	22	20	14	9	5	....	....	1	....	....	
24. Tuberculosis of the meninges and central nervous system	M	62	3	12	4	10	2	13	3	1	4	2	3	4	1	....	....	....	....	....	....	....	....	....	....	....	....	....	24
	F	29	1	3	4	1	2	4	3	4	1	1	1	....	2	....	1	1	....	....	....	....	....	....	....	....	....	....	
25. Tuberculosis of the intestines and peritoneum	M	14	1	2	....	....	....	1	....	2	1	1	2	1	....	2	....	1	....	....	....	....	....	....	....	....	....	....	25
	F	23	....	....	....	....	....	3	2	2	1	2	....	....	3	1	2	....	3	2	1	....	1	....	....	....	....	....	
26. Tuberculosis of the vertebral column	M	10	....	....	....	....	....	....	1	....	....	1	1	....	1	2	1	1	2	....	....	....	....	....	....	....	....	....	26
	F	10	....	....	....	....	....	1	....	....	1	2	....	1	....	1	....	....	1	1	2	....	....	....	....	....	....	....	
27. Tuberculosis of the bones and joints (vertebral column excepted)	M	11	....	....	....	....	....	1	....	....	....	....	2	....	....	....	....	2	1	1	2	1	....	1	....	....	....	....	27
	F	2	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	
27A. Of bones	M	4	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	1	....	....	1	....	....	....	....	27A
27B. Of joints	M	7	....	....	....	....	....	1	....	....	....	....	1	....	....	....	....	2	1	....	1	1	....	....	....	....	....	....	27B
	F	2	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	
28. Tuberculosis of the skin and sub-cutaneous cellular tissue	F	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	28
29. Tuberculosis of the lymphatic system (bronchial, mesenteric and retroperitoneal glands excepted)	M	3	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	....	....	....	29
30. Tuberculosis of the genito-urinary system	M	15	....	....	....	....	....	....	....	3	1	3	2	2	....	....	1	1	....	1	1	....	....	....	....	....	....	....	30
	F	7	....	....	....	....	....	....	....	....	....	....	....	3	1	2	1	....	....	....	....	....	....	....	....	....	....	....	
31. Tuberculosis of other organs	M	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	31
	F	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
32. Disseminated tuberculosis	M	20	1	2	....	....	....	1	3	1	4	....	....	2	....	3	1	....	....	1	1	....	....	....	....	....	....	....	32
	F	9	....	....	1	....	....	1	....	3	3	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
32A. Acute	M	18	1	2	....	....	....	1	3	1	3	....	....	2	....	3	1	....	....	1	....	....	....	....	....	....	....	....	32A
	F	7	....	....	1	....	....	1	....	3	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
32C. Not specified	M	2	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	32C
	F	2	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
34. Syphilis	M	99	12	....	2	....	....	1	....	1	1	1	5	4	7	9	15	11	14	6	5	5	....	....	....	....	....	....	34
	F	47	8	1	....	....	....	....	....	....	4	3	2	2	4	7	3	5	3	2	1	1	1	....	....	....	....	....	
35. Gonococcus infection and other venereal diseases	M	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	35
	F	4	1	....	....	....	....	....	....	2	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	

TABLE 37—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1936—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS																									
			Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
36. Purulent infection, septicaemia (non-puerperal)	M	50	7	....	....	2	....	3	3	1	4	1	1	2	3	6	5	4	1	1	2	....	2	1	....	1	....	....	36
	F	17	....	....	....	1	....	1	1	1	2	1	1	....	....	2	2	1	1	2	....	1	....	....	....	....	....	....	
38. Malaria	M	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	38
39. Other diseases due to protozoal parasites	M	2	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	39
41. Hydatid cysts	M	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	41
41A. Of the liver	M	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	41A
42. Other diseases caused by helminths	M	2	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	42
	F	2	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
43. Mycoses	M	7	3	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	1	1	....	....	....	....	....	....	43
	F	4	....	....	....	....	....	1	....	1	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
44. Other infectious or parasitic diseases	M	18	3	4	1	....	....	....	1	1	1	....	1	1	1	1	1	1	....	....	....	1	....	....	....	....	....	....	44
	F	17	6	1	1	1	....	1	....	1	....	....	....	....	1	1	....	1	....	1	....	....	....	1	1	....	....	....	
44A. Chicken-pox	M	3	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	44A
	F	3	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	
44B. German measles	M	2	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	44B
	F	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
44C. Other under this title	M	13	3	2	1	....	....	....	....	1	1	....	1	1	1	1	....	1	....	....	....	....	....	....	....	....	....	....	44C
	F	13	3	1	1	1	....	1	....	1	....	....	....	....	1	1	....	1	....	1	....	....	....	1	....	....	....	....	
CLASS II.—CANCER AND OTHER TUMOURS																													
Total	...	4773	3	5	4	1	4	14	7	15	27	32	66	115	206	288	417	484	565	678	679	619	364	139	36	3	2	....	
	M	2163	1	3	4	....	2	8	6	7	8	13	22	34	57	87	170	211	248	338	352	308	195	66	20	2	1	....	
	F	2610	2	2	....	1	2	6	1	8	19	19	44	81	149	201	247	273	317	340	327	311	169	73	16	1	1	....	
45–53. Cancer and other malignant tumours	M	2050	1	3	4	....	2	2	5	6	4	9	19	31	55	83	162	202	238	326	338	295	182	63	18	1	1	....	45–53
	F	2391	2	2	....	1	1	2	1	5	13	10	31	66	124	173	222	262	302	320	306	300	162	68	16	1	1	....	
45. Cancer of the buccal cavity and pharynx	M	109	....	1	....	....	....	....	1	....	....	....	1	....	2	1	6	8	10	16	21	21	14	5	1	....	1	..	45
	F	22	1	....	....	....	....	....	....	....	1	....	1	....	....	....	....	4	3	5	4	3	....	....	....	....	....	..	
46. Cancer of the digestive tract and peritoneum	M	1181	....	....	....	....	....	1	....	....	....	2	9	11	26	48	90	139	159	181	194	172	108	32	9	....	....	....	46
	F	1069	....	....	....	....	....	....	....	1	4	1	9	21	31	45	75	101	140	155	165	180	91	41	9	....	....	....	

46A. Of the œsophagus	M	69																	1	4	10	14	11	13	6	7	3						46A
	F	39																2	4	5	4	7	4	7	1	1	4						
46B. Of the stomach and duodenum	M	509														4	4	12	24	36	61	60	81	88	71	46	17	5					46B
	F	331												1		1	6	9	6	17	31	37	53	62	63	35	7	3					
46C. Of the rectum	M	138															1	3	5	15	16	24	22	21	15	14	1	1					46C
	F	101														3	2	3	5	8	10	15	23	12	15	3	2						
46D. Of the liver and biliary ducts	M	105														1		1	5	10	13	12	13	14	21	10	5						46D
	F	178											1				3	5	11	9	15	25	20	25	39	15	9	1					
46E. Of the pancreas	M	72															3	3	4	6	9	11	8	11	10	6		1					46E
	F	60														1	1	1	2	7	5	12	12	6	7	4	2						
46F. Of the peritoneum	M	9																		2	2	2		1		1							46F
	F	5																1		1		2		1									
46G. Of other organs	M	279							1						2	4	3	7	7	17	28	38	45	46	49	24	6	2					46G
	F	355												3	1	4	9	10	17	28	36	42	43	52	55	33	17	5					
47. Cancer of the respiratory organs	M	107								1	1				2	3	3	10	6	17	13	10	23	10	4	2	2						47
	F	63												1			2	4	2	4	7	11	10	12	8	2							
47A. Of the larynx	M	25															1	1			3	2	9	5	2	1	1						47A
	F	5																1					2	1	1								
47B. Of the lung	M	63													2	1	2	7	3	14	8	7	13	4	1	1							47B
	F	50															1	3	2	4	7	8	6	11	6	2							
47C. Of the mediastinum	M	8								1	1					1		1	2				1		1								47C
	F	7												1			1						2	2		1							
47D. Of other organs of the respiratory system	M	11														1		1	1	3	2	1		1			1						47D
	F	1																				1											
48. Cancer of the uterus	F	343												1	3	9	20	34	36	40	42	34	42	36	23	18	4	1					48
48A. Of the uterus	F	221													1	5	8	17	19	23	28	25	29	30	17	15	4						48A
48B. Of the cervix uteri	F	122												1	2	4	12	17	17	17	14	9	13	6	6	3		1					48B
49. Cancer of other female genital organs	F	128				1					1	3	1			3	8	20	13	18	16	19	12	9	4								49
50. Cancer of the breast	M	8																		1	2	1	1	1	2								50
	F	517													2	8	17	37	54	67	67	70	63	38	51	26	12	4	1					
51. Cancer of the male genito-nary organs	M	408		1	3		1					1	1	1	3	5	10	20	24	45	81	86	76	36	12	2							51
51A. Of the bladder	M	121													1	4	3	10	11	15	23	21	20	9	3	1							51A
51B. Of the kidney	M	34		1	2		1						1	1		1	2	4	6	4	6	3		1	1								51B
51C. Of the prostate gland	M	233			1												3	3	7	24	49	57	54	26	8	1							51C
51D. Of the testicles and annexa.	M	11										1				2		2	1		1	1	2	1									51D
51E. Of other male genito-urinary organs	M	9																		2		1	2	3	1								51E
52. Cancer of the skin	M	66	1													1	2		2	5	3	2	7	9	8	11	9	5	1				52
	F	33																1		2	2	1	3	6	4	4	7	2		1			
53. Cancer of other or unspecified organs	M	171		1	1		1	1	3	5	3	4	4	12	12	16	23	13	11	17	17	12	11	3	1							53
	F	216	1	2			1	2	1	3	3	3	4	3	9	16	21	21	27	23	33	22	17	4								
53A. Of the eye and orbit	M	1																	1														53A
	F	6																		1		2	1	1									
53B. Of the circulatory system	F	2													1																		53B
53C. Of the glandular system	M	43		1	1		1		1		1				2	2	1	2	6	3	8	2	6	4	1	1							53C
	F	28													1	1		1	4	5	3	3	4	1	3	2							
53D. Of the female urinary organs	F	72	1														1	2	7	5	7	13	8	9	9	10							53D
53E. Of the bones and joints	M	36											4	1	1	1	4		3	4	2		7	3	3	3							53E
	F	22					1		1	1	2								2	2	1		2	5	3	1	1						
53F. Of the brain	M	34						1	2	1			2	1	4	5	7	7				3			1								53F
	F	25		2				1		1	1			3	2	1	2	5	2		1		2	2								
53G. Of the spine and spinal cord	M	12												1		2		3				2		4									53G
	F	6									1									1		2	1	1									
53H. Of the neck	M	13																		3	3		1	5	1								53H
	F	4																			1		1		1		1						

TABLE 37—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1936—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS																									
			Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
53I. Of the abdomen	M	10													1	1	1		1		2	1	2	1				53I
	F	27						1							3	3	2	3	4	2	5	2	2					
53J. Of other specified organs	M	19									1	1	1	2	2	3	1	2	1	1	1		2	1				53J
	F	19										1				1	1	1	2	4	5	3	1					
53K. Multiple cancer	M	3															2		1									53K
	F	5													1		1		1		1	1						
54. Non-malignant tumours	M	97						5	1	1	4	3	2	1	2	4	4	9	9	10	12	13	11	3	2	1			54
	F	204					1	4		3	4	9	13	15	25	26	24	10	13	19	19	10	6	3				
54A. Of the ovary	F	39									1	3	4	6	8	2	3	1	1	1	5	2	1	1				54A
54B. Of the uterus	F	68										3	6	7	16	12	11	3	1	1	2	3	1	2				54B
54D. Of the brain	M	20						4	1	1	3	1	1	1			3	2	2			1						54D
	F	22						3		2	2	1	2	1		5	1	1	1	2		1						
54E. Of the thyroid gland	M	9													1	2				2	2	1	1					54E
	F	57									1			1	1	6	7	3	9	11	10	4	4					
54F. Of the prostate gland	M	47															1	4	5	7	9	8	9	3	1			54F
54G. Of other or unspecified sites	M	21						1			1	2	1		1	2		3	2	1	1	3	1		1	1			54G
	F	18					1	1		1		2	1			1	2	2	1	4	2							
55. Tumours, nature not specified	M	16						1				1	1	2			4		1	2	2		2					55
	F	15									2					2	1	1	2	1	2	1	1	2				
55D. Of the brain	M	8						1						1	1		2			1	1		1					55D
	F	7									2					2		1	2									
55G. Of other or unspecified sites	M	8										1		1			2		1	1	1		1					55G
	F	8															1			1	2	1	1	2				
CLASS III.—RHEUMATIC DISEASES, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS AND OTHER GENERAL DISEASES																												
Total	...	1109	77	14	8	5	1	19	26	23	20	19	25	25	42	48	89	88	117	132	157	95	60	15	4			
	M	452	50	5	4	2		7	12	11	10	8	13	6	18	18	38	36	46	37	61	42	24	4				
	F	657	27	9	4	3	1	12	14	12	10	11	12	19	24	30	51	52	71	95	96	53	36	11	4			
56. Acute rheumatic fever	M	85			1	2		3	9	10	7	5	7	2	3	6	8	10	3	1	2	4	2					56
	F	98		1	1	1	1	8	10	8	8	9	5	8	6	7	8	6	3	3	3		2					
57. Chronic rheumatism, osteo-arthritis	M	17									1			1	1	3	1	1	3	1	2	1	2					57
	F	24													1	1	1	2	2	2	3		8	2	2			
59. Diabetes mellitus	M	230						1	2	1		3	3	2	11	6	16	19	30	30	49	35	19	3				59
	F	336			1			1	3	4	2	2	4	3	7	13	24	27	46	66	59	46	22	5	1			
60. Scurvy	M	1		1																								60
62. Pellagra	F	1																1										62
63. Rickets	M	3	1	1	1																							63
	9	9	4	5																								

65. Diseases of the pituitary gland.	M	3							1				1				1												65
	F	1														1													
66. Diseases of the thyroid and parathyroid glands	M	38	3	1							1		1	1	3	2	8	6	5	3	3	1							66
	F	142	3	1				2	1				2	6	9	6	17	13	17	24	26	7	4	3	1				
66A. Simple goitre	M	3															2					1							66A
	F	28												1			3	1	1	8	8	2	2	1	1				
66B. Exophthalmic goitre	M	27											1	1	2	2	6	5	4	3	3								66B
	F	103						2					2	5	9	5	14	12	16	14	16	4	2	2					
66C. Myxoedema, cretinism	M	1																1											66C
	F	1	1																										
66D. Tetany	M	4	3	1																									66D
	F	4	2	1					1																				
66E. Others under this title	M	3									1					1					1								66E
	F	6																		2	2	1							
67. Diseases of the thymus gland	M	49	45	2				1					1																67
	F	22	19	2		1																							
68. Diseases of the adrenals (Addison's disease)	M	3									1							2											68
	F	7												2	1	1			1	1	1								
69. Other general diseases	M	23	1		2			2								1	2			5	2	5	1	1	1				69
	F	17	1		2	1		1					1			1	1	2	2		4			1					
69A. Fatty or amyloid degeneration	M	13														1	1		5	2	2		1	1					69A
	F	10														1	1	1	2		4			1					
69B. Steatosis	M	1																				1							69B
69C. Others under this title	M	9	1		2			2									1				3								69C
	F	7	1		2	1		1					1					1											
Total		509	11	1	5	5	2	11	7	17	8	11	8	9	17	21	26	34	43	55	83	81	38	13	2	1			
	M	238	4	1	4	4		5	3	11	3	5	6	5	9	9	11	20	20	23	40	38	14	3					
	F	271	7		1	1	2	6	4	6	5	6	2	4	8	12	15	14	23	32	43	43	24	10	2	1			
70. Haemorrhagic conditions	M	8	1			1		1		3					1				1										70
	F	9	1					1		1		1							1			1	1	2					
70A. Simple purpura	M	6	1					1		2					1				1										70A
	F	8	1					1		1		1							1			1	2						
70B. Haemophilia	M	2				1				1																			70B
	F	1																				1							
71. Anaemia	M	133	1	1				1				1		1	2	3	4	9	12	18	32	32	13	3					71
	F	182	5							2			1	2	5	10	3	5	14	26	36	40	22	8	2	1			
71A. Pernicious anaemia	M	121	1					1						1	2	3	4	8	11	16	31	31	10	2					71A
	F	155								1			1	2	4	9	3	3	13	23	35	36	15	7	2	1			
71B. Others under this title	M	12		1								1						1	1	2	1	1	3	1					71B
	F	27	5							1					1	1		2	1	3	1	4	7	1					
72. Leukaemia and aleukaemia	M	88	2		3	2		3	3	6	3	4	6	3	5	6	5	10	7	5	8	6	1						72
	F	65	1		1	1	2	5	4	2	4	3		2	2	2	10	8	6	4	6	2							
72A. Leukaemia	M	65	2		3	2		3	2	4	2	2	6	1	2	4	4	8	5	4	6	4	1						72A
	F	50	1		1	1	2	5	3	1	3	1		1	2	2	8	5	4	3	5	2							
72B. Aleukaemia (Hodgkin's disease)	M	23							1	2	1	2		2	3	2	1	2	2	1	2	2							72B
	F	15							1	1	1	2		1			2	3	2	1	1								

CLASS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS

TABLE 37—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1936—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS																									
			Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
73. Diseases of the spleen	M	7			1					2				1	1		1	1										73
	F	10									1	2	1		1		2	1		1	1							
74. Other diseases of the blood and blood-forming organs	M	2				1											1											74
	F	5								1									2	1		1						
CLASS V.—CHRONIC POISONINGS AND INTOXICATIONS																												
Total		88			1					2	2	3	5	10	7	7	13	12	6	9	7	2	1	1				
	M	74								1	2	3	5	6	6	6	13	9	6	9	5	1	1	1				
	F	14			1					1				4	1	1		3			2	1						
75. Alcoholism	M	55										1	2	6	4	4	12	9	3	7	4	1	1	1				75
	F	7												3	1			1			2							
75A. Delirium tremens	M	3												2	1													75A
75B. Other alcoholic intoxications	M	52										1	2	4	3	4	12	9	3	7	4	1	1	1				75B
	F	7												3	1			1			2							
76. Chronic poisoning, by other organic substances	M	10									1	1	2		1	1	1		2	1								76
	F	3												1				2										
76A. Chronic morphinism	M	5											2				1		1	1								76A
	F	1																1										
76D. Other organic poisoning	M	5									1	1			1	1			1									76D
	F	2												1				1										
77. Chronic poisoning by mineral substances	M	9								1	1	1	1		1	1			1	1	1							77
	F	4			1					1						1						1						
77A. Lead (including occupational)	M	8								1	1	1	1		1	1			1	1								77A
	F	3			1					1						1												
77B. Occupational, except lead	M	1																			1							77B
77C. Others under this title	F	1																				1						77C
CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE																												
Total		1789	70	18	15	6	11	29	26	26	24	30	46	43	59	75	113	124	161	179	228	213	164	91	31	5	1	1	
	M	911	43	7	5	3	5	18	22	16	16	17	20	23	37	44	60	61	77	87	113	102	79	36	14	4	1	1	
	F	878	27	11	10	3	6	11	4	10	8	13	26	20	22	31	53	63	84	92	115	111	85	55	17	1			
78. Encephalitis (non-epidemic)	M	19	1				1		4		1	2	1	2		1	3		2	1								78
	F	22	1		3		1	1	1			1	1	3	2	2	3	1	1		1							

79. Simple meningitis	M	25	4		2		2	5	2		1	3	1			1	1	2	1												79
	F	18	2	3	1		1	4	1	2			2	1			1															
80. Progressive locomotor ataxia (tabes dorsalis)	M	19															1	6		7	4		1								80
	F	4														1		2	1													
81. Other diseases of the spinal cord	M	45		1					1						3	3	2	6	3	3	4	6	7	2	3	1					81
	F	43										1			2	3	3	1	5	9	4	7	5	1	2							
82. Cerebral haemorrhage, cerebral embolism and thrombosis	M	390						2			1	3	2	3	9	11	16	25	43	41	70	62	56	28	12	4	1	1	82			
	F	449		1	1					1	2	2	1	4	4	10	24	30	36	51	71	79	71	44	16	1						
82A. Cerebral haemorrhage	M	307						1			1	3	1	3	7	9	12	22	33	31	56	46	42	25	9	4	1	1	82A			
	F	351		1						1	2	1	1	4	3	6	22	23	34	41	56	57	51	34	13	1						
82B. Cerebral embolism and thrombosis	M	49						1						1	1	1	4		7	5	8	9	9	1	2				82B			
	F	51										1			1	1	1	1		8	8	12	13	3	2							
82C. Softening of the brain	M	4																		1	1		1	1					82C			
	F	5															1		1		1	1	1									
82D. Hemiplegia and other paralysis, cause not specified	M	30													1	1		3	3	4	5	7	4	1	1				82D			
	F	42			1											2	1	5	2	2	6	9	6	7	1							
83. General paralysis of the insane	M	56								1	1	1	3	8	7	9	9	5	4	4	2	1	1						83			
	F	24									1	1	3	3	3	2	1	2	6				1	1								
84. Dementia praecox and other psychoses	M	70								1	2	2	6	6	6	10	17	6	5	4	1	2	2						84			
	F	86				1		1		1		2	10	4	4	6	11	9	13	9	8	5	1	1								
84A. Dementia praecox	M	52								1	2	2	5	5	5	8	13	4	1	2	1	2	1						84A			
	F	60								1		2	6	3	3	4	9	7	10	3	8	3	1									
84B. Other psychoses	M	18											1	1	1	2	4	2	4	2			1						84B			
	F	26				1		1					4	1	1	2	2	2	3	6		2		1								
85. Epilepsy	M	50	3	2				1	5	5	5	1	6		2	5		3	1	1	5	3	2						85			
	F	30	3		1		1			2		3	3	2	1		2	1	4	2	3	1		1								
86. Convulsions (under 5 years of age)	M	23	21	1	1																								86			
	F	16	11	4		1																										
87. Other diseases of the nervous system	M	146	5	1				2	1	5	4	2			6	3	4	11	14	22	25	22	14	4	1				87			
	F	122	3	1			1	1	2		1		4	1	3	5	6	11	11	19	21	15	10	6	1							
87A. Chorea	M	3													1				1	1									87A			
	F	2							1						1																	
87B. Neuralgia and neuritis	M	8													2			1	1		4								87B			
	F	12											1			1				3	2	2	1	2								
87C. Paralysis agitans	M	68													2		1	6	10	15	16	10	6	2					87C			
	F	48													1		1	8	7	10	10	8	3									
87D. Sclerosis (other than of the spinal cord)	M	38									1				1	1	2	3	2	5	5	10	6	1	1				87D			
	F	38									1		2	1		1	3	3	3	5	8	4	5	1	1							
87E. Others under this title	M	29	5	1				2	1	5	3	2				2	1	1		1		2	2	1					87E			
	F	22	3	1			1	1	1				1		1	3	2		1	1	1	1	1	3								
88. Diseases of the organs of vision	M	7							1		1						1		1			2	1						88			
	F	9									1						1			1	2	4										
89. Diseases of the ear and mastoid process	M	61	9	2	2	3	2	8	8	4		3	1	1	4	2	2		3	3		3		1					89			
	F	55	7	2	4	1	2	4		4	3	3	2		1	2	4	2	3	6	2	2	1									
89A. Otitis	M	30	7	1	1	3	1	4	3	1		1	1	1	1	1			1	1		2							89A			
	F	31	5	2	3		1	1		1	3	2	1				3	1	1	5	1		1									
89B. Diseases of the mastoid process	M	30	2	1	1		1	4	5	3		2			3	1	1		2	2		1		1					89B			
	F	24	2		1	1	1	3		3		1	1		1	2	1	1	2	1	1	2										
89C. Others under this title	M	1															1												89C			

TABLE 37—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1936—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS																											
			Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated		
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM																														
Total		11815	2	9	3	2	1	9	11	30	30	44	79	108	189	350	584	782	1118	1426	1940	2128	1598	955	326	76	14	1		
	M	6339	1	6	2	1	1	4	9	14	14	23	44	66	107	228	374	469	686	798	1031	1077	778	443	126	32	4	1		
	F	5476	1	3	1	1	....	5	2	16	16	21	35	42	82	122	210	313	432	628	909	1051	820	512	200	44	10	....		
90-95. Diseases of the heart	M	4016	....	6	1	1	1	4	9	12	11	22	41	61	94	186	304	376	500	547	630	569	353	217	52	16	3	....	90–95	
	F	3037	....	2	1	1	....	5	2	16	15	20	27	39	62	87	144	196	256	361	477	541	419	247	98	16	5	....		
90. Pericarditis	M	5	....	....	....	....	....	....	....	1	....	....	1	....	....	....	....	....	1	1	....	....	1	....	....	....	....	....	90	
	F	2	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....		
91. Acute endocarditis	M	36	....	....	....	....	....	1	1	1	3	7	....	9	4	4	1	....	1	....	2	2	....	....	....	....	....	....	91	
	F	43	....	1	....	....	....	2	....	5	4	4	5	9	2	2	....	....	2	3	1	2	1	....	....	....	....	....		
91A. Endocarditis, specified as acute	M	27	....	....	....	....	....	....	1	1	2	7	....	5	1	4	1	....	1	....	2	2	....	....	....	....	....	....	91A	
	F	33	....	1	....	....	....	1	....	5	2	3	2	8	....	2	....	....	2	3	1	2	1	....	....	....	....	....		
91B. Endocarditis, unspecified (under 45 years of age)	M	9	....	....	....	....	....	1	....	....	1	....	....	4	3	....	....	....	....	....	....	....	....	....	....	....	....	....	91B	
	F	10	....	....	....	....	....	1	....	....	2	1	3	1	2	....	....	....	....	....	....	....	....	....	....	....	....	....		
92. Chronic endocarditis, valvular diseases	M	542	....	....	1	....	1	2	4	3	3	7	8	7	17	33	33	36	65	58	78	67	67	38	12	2	....	....	92	
	F	542	....	....	....	1	....	1	2	6	7	8	6	6	24	23	27	38	36	66	83	81	64	46	13	3	1	....		
92A. Endocarditis specified as chronic and other valvular diseases	M	433	....	....	1	....	1	2	4	3	3	7	8	7	17	27	29	28	55	42	58	49	52	27	12	1	....	....	92A	
	F	441	....	....	....	1	....	1	2	6	7	8	6	6	24	16	23	29	29	56	67	67	44	36	11	2	....	....		
92B. Endocarditis unspecified (45 years and over)	M	109	....	....	....	....	....	....	....	....	....	....	....	....	....	6	4	8	10	16	20	18	15	11	....	1	....	....	92B	
	F	101	....	....	....	....	....	....	....	....	....	....	....	....	....	7	4	9	7	10	16	14	20	10	2	1	1	....		
93. Diseases of the myocardium	M	1126	....	3	....	1	....	1	3	3	2	4	13	7	22	31	44	71	100	117	183	213	149	119	27	10	3	....	93	
	F	1189	....	1	1	....	....	1	....	5	1	4	8	8	13	19	44	53	80	112	165	229	232	141	58	11	3	....		
93A. Acute myocarditis	M	56	....	....	....	....	....	....	1	....	1	1	....	1	3	3	2	2	8	10	9	6	4	4	1	....	....	....	93A	
	F	51	....	1	....	....	....	1	....	4	....	....	1	....	2	3	1	1	3	5	10	6	8	4	1	....	....	....		
93B. Myocarditis, unspecified (under 45 years of age)	M	24	....	3	....	....	....	1	1	....	....	....	6	4	9	....	....	....	....	....	....	....	....	....	....	....	....	....	....	93B	
	F	15	....	....	1	....	....	....	....	....	1	2	3	3	5	....	....	....	....	....	....	....	....	....	....	....	....	....	....		
93C. Chronic myocarditis and myocardial degeneration	M	654	....	....	....	1	....	....	1	3	1	3	7	2	10	19	24	46	50	74	99	123	90	78	15	7	1	....	93C	
	F	718	....	....	....	....	....	....	....	1	....	2	4	5	6	10	28	31	52	75	96	148	136	82	34	6	2	....		
93D. Myocarditis, unspecified (45 years and over)	M	392	....	....	....	....	....	....	....	....	....	....	....	....	....	9	18	23	42	33	75	84	55	37	11	3	2	....	93D	
	F	405	....	....	....	....	....	....	....	....	....	....	....	....	....	6	15	21	25	32	59	75	88	55	23	5	1	....		
94. Diseases of the coronary arteries and angina pectoris	M	2055	....	....	....	....	....	....	....	....	1	2	15	30	47	109	209	242	307	337	342	250	106	48	7	3	....	....	94	
	F	1049	....	....	....	....	....	....	....	....	2	2	5	8	16	40	60	94	122	164	201	183	91	37	22	1	1	....		

94A. Diseases of the coronary arteries	M	102	....	....	....	....	....	....	....	....	....	....	2	4	4	7	5	7	17	13	22	11	7	2	1	....	....	....	94A
	F	61	....	....	....	....	....	....	....	....	1	....	1	1	2	1	2	1	11	11	10	13	1	3	2	....	1	....	
94B. Embolism and thrombosis of the coronary arteries	M	1612	....	....	....	....	....	....	....	....	1	2	13	21	38	88	174	197	231	274	259	194	73	38	6	3	....	....	94B
	F	844	....	....	....	....	....	....	....	....	1	....	4	6	14	30	50	82	94	133	161	143	73	32	20	1	....	....	
94C. Angina pectoris	M	341	....	....	....	....	....	....	....	....	....	....	....	5	5	14	30	38	59	50	61	45	26	8	....	....	....	....	94C
	F	144	....	....	....	....	....	....	....	....	....	2	....	1	....	9	8	11	17	20	30	27	17	2	....	....	....	....	
95. Other diseases of the heart	M	252	....	3	....	....	....	....	1	4	2	2	4	8	4	9	17	27	26	34	25	37	30	12	6	1	....	....	95
	F	212	....	....	....	....	....	1	....	....	1	1	3	8	7	3	13	11	16	16	27	45	31	23	5	1	....	....	
95A. Functional diseases of the heart	M	40	....	1	....	....	....	....	....	....	....	....	....	1	....	2	3	3	6	7	6	7	3	1	....	....	....	....	95A
	F	49	....	....	....	....	....	....	....	....	....	1	....	....	3	2	3	2	4	5	4	15	7	2	1	....	....	....	
95B. Other and unspecified	M	212	....	2	....	....	....	....	1	4	2	2	4	7	4	7	14	24	20	27	19	30	27	11	6	1	....	....	95B
	F	163	....	....	....	....	....	1	....	....	1	....	3	8	4	1	10	9	12	11	23	30	24	21	4	1	....	....	
96. Aneurysm (except of the heart)	M	50	....	....	....	....	....	....	....	....	....	....	....	2	2	4	7	8	3	7	5	6	5	1	....	....	....	....	96
	F	25	....	1	....	....	....	....	....	....	....	....	....	1	1	2	....	4	2	2	3	5	1	2	1	....	....	....	
97. Arteriosclerosis (of coronary arteries excepted)	M	1941	....	....	....	....	....	....	....	....	....	....	....	1	6	26	36	54	146	203	339	449	390	203	70	16	1	1	97
	F	1903	....	....	....	....	....	....	....	....	....	....	1	....	5	12	30	63	121	190	336	430	352	239	96	25	3	....	98
98. Gangrene	M	43	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	2	7	11	12	7	2	....	....	....	
	F	34	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	1	4	10	4	6	5	1	1	....	....	99
99. Other diseases of the arteries	M	23	....	....	....	....	....	....	....	....	1	....	1	....	....	....	1	1	4	3	2	6	1	3	....	....	....	....	
	F	19	....	....	....	....	....	....	....	....	....	....	....	1	....	1	1	3	4	....	3	3	2	1	....	....	....	....	
100. Diseases of the veins (varices, haemorrhoids, phlebitis, etc.)	M	24	1	....	....	....	....	....	....	1	....	....	....	....	1	2	1	5	1	2	4	2	3	1	....	....	....	....	100
	F	28	....	....	....	....	....	....	....	....	....	....	1	1	1	3	2	2	3	8	2	4	1	....	....	....	....	....	
101. Diseases of the lymphatic system (lymphangitis, etc.)	M	5	....	....	1	....	....	....	....	1	2	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	101
	F	6	1	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	1	1	....	....	....	....	1	....	....	
102. Idiopathic abnormalities of blood pressure	M	236	....	....	....	....	....	....	....	....	....	1	2	2	3	10	24	25	30	34	44	34	14	11	2	....	....	....	102
	F	424	....	....	....	....	....	....	....	....	1	1	4	....	13	17	31	45	45	62	77	64	39	18	4	1	2	....	
103. Other diseases of the circulatory sysrem	M	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	103
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM																												
Total	...	3049	426	102	47	18	16	43	22	37	59	51	67	89	67	131	116	169	171	243	297	336	272	184	69	15	2	....	
	M	1625	243	59	22	12	6	25	14	24	36	27	31	50	43	81	66	104	101	120	145	163	136	80	28	9	....	....	
	F	1424	183	43	25	6	10	18	8	13	23	24	36	39	24	50	50	65	70	123	152	173	136	104	41	6	2	....	
104. Diseases of the nasal fossae and annexa	M	31	5	5	1	....	1	2	1	2	1	2	....	1	2	1	3	1	....	1	....	1	....	1	....	....	....	....	104
	F	18	2	....	1	....	....	1	1	2	1	1	2	3	1	....	....	1	....	2	....	....	....	....	....	....	....	....	
105. Diseases of the larynx	M	13	1	3	1	....	....	2	....	....	1	....	....	....	1	....	....	1	....	....	....	2	....	1	....	....	....	....	105
	F	11	1	2	....	1	2	1	....	....	....	....	....	1	....	1	....	....	....	1	....	1	....	....	....	....	....	....	
105A. Croup	M	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	105A
	F	3	1	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
105B. Other diseases of the larynx	M	12	1	2	1	....	....	2	....	....	1	....	....	....	1	....	....	1	....	....	....	2	....	1	....	....	....	....	105B
	F	8	....	2	....	1	1	....	....	....	....	....	....	1	....	1	....	....	....	1	....	1	....	....	....	....	....	....	
106. Bronchitis	M	44	5	3	1	....	1	1	1	....	....	1	....	1	1	2	1	....	3	3	1	5	6	3	4	1	....	....	106
	F	49	6	....	....	....	....	2	....	....	2	1	....	2	....	....	2	1	2	....	6	7	7	5	5	1	....	....	
106A. Acute	M	14	4	3	1	....	1	1	....	....	....	....	....	....	....	1	....	....	....	....	1	3	1	1	1	....	....	....	106A
	F	16	6	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	1	....	....	....	
106B. Chronic	M	19	....	....	....	....	....	....	1	....	....	1	....	....	1	1	1	....	2	1	....	3	6	1	1	....	....	....	106B
	F	20	....	....	....	....	....	....	....	....	2	1	....	2	....	....	2	1	2	....	2	3	3	....	2	....	....	....	

TABLE 37—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1936—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS																										
			Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
106c. Unspecified	M	11	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	2	1	....	....	2	2	1	....	....	106c
	F	13	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	1	3	4	2	....	....	....	
107. Bronchopneumonia	M	647	148	28	8	7	3	8	5	2	11	4	6	12	5	20	18	24	33	48	61	72	72	37	13	2	....	....	107
	F	613	125	23	14	4	1	5	3	2	1	4	9	6	10	16	14	19	19	47	70	81	68	50	21	....	1	....	
107a. Bronchopneumonia	M	645	148	27	8	7	3	8	5	2	11	4	6	12	5	20	18	24	33	47	61	72	72	37	13	2	....	....	107a
	F	613	125	23	14	4	1	5	3	2	1	4	9	6	10	16	14	19	19	47	70	81	68	50	21	....	1	....	
107b. Capillary bronchitis	M	2	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	107b
108. Lobar pneumonia	M	552	37	15	6	4	1	7	3	14	15	19	18	30	21	44	27	52	32	47	51	50	34	20	4	1	....	....	108
	F	418	22	6	4	1	4	7	4	5	12	15	15	19	11	20	21	31	33	43	41	45	29	24	4	2	....	....	
109. Pneumonia, unspecified	M	159	38	3	1	....	....	2	3	2	3	....	3	2	4	4	3	13	12	5	8	21	15	11	3	3	....	....	109
	F	131	23	8	5	....	....	2	....	1	3	1	1	2	....	2	4	3	4	13	14	18	14	7	5	....	1	....	
110. Pleurisy	M	37	3	....	4	1	....	3	1	1	5	....	1	1	2	4	1	3	2	2	1	....	1	....	1	....	....	....	110
	F	30	2	3	1	....	3	....	....	2	1	1	1	....	....	3	....	2	1	3	3	....	2	2	....	....	....	....	
111. Congestion and haemorrhagic infarct of the lung, etc.	M	22	1	....	....	....	....	....	....	....	....	....	1	....	2	....	....	....	....	1	2	2	4	4	3	2	....	....	111
	F	44	1	....	....	....	....	....	....	....	....	....	1	....	1	1	2	1	1	....	3	7	9	11	5	1	....	....	
111a. Pulmonary embolism and thrombosis	M	2	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	111a
	F	4	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	1	....	....	....	....	....	....	....	....	....	
111b. Others under this title	M	20	1	....	....	....	....	....	....	....	....	....	1	....	1	....	2	....	....	....	2	2	3	4	3	2	....	....	111b
	F	40	1	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	1	2	2	3	4	3	2	....	....	
112. Asthma	M	84	....	1	....	....	....	....	....	1	....	....	1	....	2	2	12	7	15	11	17	9	3	3	....	....	....	....	112
	F	96	....	1	....	....	....	....	....	1	2	....	5	5	1	6	6	5	10	12	14	13	7	5	1	2	....	....	
113. Pulmonary emphysema	M	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	113
	F	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	
114. Other diseases of the respiratory system (tuberculosis excepted	M	34	5	1	....	....	....	....	....	2	....	1	1	3	3	4	1	3	3	1	4	1	1	....	....	....	....	....	114
	F	13	1	....	....	....	....	....	....	....	1	1	2	1	....	1	1	2	....	1	1	1	....	....	....	....	....	....	
114a. Chronic interstitial pneumonia including occupational diseases of the respiratory system	M	7	....	....	....	....	....	....	....	....	....	....	....	....	1	1	1	1	....	....	2	1	....	....	....	....	....	....	114a
	F	3	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	1	....	....	....	....	....	....	
114c. Others under this title	M	27	5	1	....	....	....	....	....	2	....	1	1	3	2	3	....	2	3	1	2	....	1	....	....	....	....	....	114c
	F	10	1	....	....	....	....	....	....	....	1	1	2	1	....	....	1	1	....	1	1	....	....	....	....	....	....	....	
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM																													
Total	...	2447	381	64	15	17	26	63	43	49	82	66	77	86	117	111	155	176	161	182	180	201	97	74	20	4	....	....	
	M	1340	205	33	8	12	13	37	24	25	49	39	40	53	74	69	83	110	78	99	107	88	46	36	10	2	....	....	
	F	1107	176	31	7	5	13	26	19	24	33	27	37	33	43	42	72	66	83	83	73	113	51	38	10	2	....	....	

115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils (including adenoid vegetations)	M	121	9	10	4	2	2	5	4	2	4	9	5	3	10	5	11	4	6	10	4	5	2	3	2	..	..	..	115
	F	97	4	7	1	1	3	5	3	4	8	5	7	3	2	3	12	4	6	3	6	6	2	1	..	1	..	..	
115A. Diseases of the buccal cavity and annexa	M	47	2	2	..	..	..	1	1	..	..	2	1	1	4	2	8	2	3	7	1	5	2	1	2	..	..	..	115A
	F	20	3	..	..	..	1	1	..	..	1	..	..	1	1	..	3	1	2	1	3	1	..	..	..	1	..	..	
115B. Diseases of the tonsils	M	32	1	5	1	..	..	3	3	1	2	2	2	1	3	3	2	1	1	..	..	..	..	..	..	..	..	..	115B
	F	37	..	3	..	1	..	1	..	2	5	4	4	2	1	2	4	2	2	1	2	1	..	..	..	..	..	..	
115C. Others under this title	M	42	6	3	3	2	2	1	..	1	2	5	2	1	3	..	1	1	2	2	3	..	..	2	..	..	..	..	115C
	F	40	1	4	1	..	2	3	3	2	2	1	3	..	..	1	5	1	2	1	1	4	2	1	..	..	..	..	
116. Diseases of the oesophagus	M	5	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	2	1	..	..	..	..	..	..	116
	F	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	
117. Ulcer of the stomach or duodenum	M	200	1	..	..	..	..	..	..	..	4	4	9	14	24	17	19	28	16	19	20	15	5	5	..	..	..	..	117
	F	74	..	..	..	..	..	..	..	..	1	1	3	3	4	8	11	7	9	5	3	14	3	2	..	..	..	..	
117A. Ulcer of the stomach	M	113	..	..	..	..	..	..	..	..	2	2	6	9	14	7	9	11	8	13	12	10	5	5	..	..	..	..	117A
	F	40	..	..	..	..	..	..	..	..	1	..	1	2	2	3	3	5	5	3	2	10	2	1	..	..	..	..	
117B. Ulcer of the duodenum	M	87	1	..	..	..	..	..	..	..	2	2	3	5	10	10	10	17	8	6	8	5	..	..	..	..	..	..	117B
	F	34	..	..	..	..	..	..	..	..	..	1	2	1	2	5	8	2	4	2	1	4	1	1	..	..	..	..	
118. Other diseases of the stomach	M	37	11	..	..	..	1	..	..	1	1	1	..	1	1	1	1	..	1	1	7	4	3	..	2	..	..	..	118
	F	27	8	..	..	1	..	..	..	..	..	..	..	1	..	1	1	3	2	2	2	2	3	..	1	..	..	..	
119. Diarrhoea and enteritis (under 2 years of age)	M	187	166	21	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	119
	F	175	156	19	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
120. Diarrhoea and enteritis (2 years and over)	M	81	..	..	..	4	4	4	1	2	8	1	7	5	5	2	3	3	6	4	5	7	8	2	..	..	..	..	120
	F	81	..	..	1	1	..	..	2	3	4	7	6	3	1	3	3	3	7	6	4	12	6	6	3	..	..	..	
120A. Diarrhoea and enteritis	M	45	..	..	..	4	4	4	1	2	2	..	2	..	1	1	1	1	3	1	5	5	6	2	..	..	..	..	120A
	F	55	..	..	1	1	..	..	1	..	..	2	2	2	..	3	3	2	4	5	3	11	6	6	3	..	..	..	
120B. Ulceration of the intestines	M	36	..	..	..	..	..	..	..	..	6	1	5	5	4	1	2	2	3	3	..	2	2	..	..	..	..	..	120B
	F	26	..	..	..	..	..	..	1	3	4	5	4	1	1	..	..	1	3	1	1	1	..	..	..	..	..	..	
121. Appendicitis	M	243	2	1	3	4	4	23	17	18	25	11	11	19	16	19	9	17	14	11	13	4	..	2	..	..	..	..	121
	F	140	..	..	4	1	6	19	14	13	11	8	7	13	6	6	1	7	9	8	3	3	..	1	..	..	..	..	
122. Hernia, intestinal obstruction	M	220	10	1	1	1	2	4	2	1	2	5	5	4	9	8	17	26	15	23	29	23	14	13	3	2	..	..	122
	F	171	7	2	..	..	..	1	..	2	3	..	7	2	3	5	16	20	9	15	19	27	16	13	3	1	..	..	
122A. Hernia	M	111	4	..	..	..	1	..	..	..	..	3	1	2	3	2	12	13	8	10	14	15	10	8	3	2	..	..	122A
	F	57	..	..	..	..	..	..	..	..	..	..	1	1	2	..	7	9	3	7	9	9	6	2	1	..	..	..	..	
122B. Intestinal obstruction	M	109	6	1	1	1	1	4	2	1	2	2	4	2	6	6	5	13	7	13	15	8	4	5	..	..	..	..	122B
	F	114	7	2	..	..	..	1	..	2	3	..	6	1	1	5	9	11	6	8	10	18	10	11	2	1	..	..	
123. Other diseases of the intestines	M	34	5	..	..	..	..	..	..	..	2	2	..	2	2	..	3	3	5	..	2	3	3	..	2	..	..	..	..	123
	F	25	..	..	..	1	..	..	..	..	..	1	..	..	..	..	2	3	3	1	2	6	3	3	..	..	..	..	..	
124. Cirrhosis of the liver	M	84	..	..	..	..	..	..	..	..	1	2	..	1	5	7	7	14	6	14	12	8	4	2	1	..	..	..	..	124
	F	35	..	..	..	..	..	..	..	..	..	..	..	1	1	3	4	4	5	7	3	6	1	..	..	..	..	..	..	
124A. Specified as alcoholic	M	7	..	..	..	..	..	..	..	..	..	1	..	..	..	1	3	1	..	..	..	..	1	..	..	..	..	..	..	124A
124B. Not specified as alcoholic	M	77	..	..	..	..	..	..	..	..	1	1	..	1	5	6	4	13	6	14	12	8	3	2	1	..	..	..	124B
	F	35	..	..	..	..	..	..	..	..	..	..	..	1	1	3	4	4	5	7	3	6	1	..	..	..	..	..	..	
125. Other diseases of the liver	M	22	..	..	..	..	..	..	..	..	..	2	1	2	2	..	2	6	1	2	..	3	..	1	..	..	..	..	..	125
	F	30	..	2	..	..	1	..	..	..	4	1	1	1	..	1	2	1	4	2	2	4	3	1	..	..	..	..	..	
125A. Yellow atrophy of the liver	M	5	..	..	..	..	..	..	..	..	..	1	..	1	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	125A
	F	8	..	1	..	..	..	..	..	..	2	1	1	1	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	
125B. Others under this title	M	17	..	..	..	..	..	..	..	..	..	1	1	1	1	..	1	5	1	2	..	3	..	1	..	..	..	..	..	125B
	F	22	..	1	..	..	1	..	..	..	2	..	..	..	..	1	..	1	4	2	2	4	3	1	..	..	..	..	..	
126. Biliary calculi	M	35	..	..	..	..	..	..	..	..	..	..	..	1	..	4	4	4	1	8	4	5	1	3	..	..	..	..	..	126
	F	113	..	..	..	..	..	..	..	..	..	1	1	1	13	8	9	9	13	23	10	14	8	2	1	..	..	..	..	
127. Other diseases of the gall-bladder and biliary passages	M	57	..	..	..	..	..	..	..	1	1	2	1	..	..	2	5	5	7	5	9	9	5	5	..	..	..	..	127
	F	109	..	..	..	..	..	..	..	..	..	1	4	5	7	3	10	4	13	10	17	18	6	9	2	..	..	..	..	

TABLE 37—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1936—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS																									
			Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
128. Diseases of the pancreas	M	6									1		1			1	1			1		1						128
	F	7								2			1				1	1		1	1								
129. Peritonitis, cause not specified	M	8	1			1								1		3	1						1					129
	F	21		1	1		3	1			2	2			6	1			2		1	1						
CLASS X.—DISEASES OF THE GENITO-URINARY SYSTEM																												
Total	..	2716	16	3	4	3		11	10	15	28	30	47	48	81	83	112	180	217	307	385	486	361	201	70	14	3	1	
	M	1612	7	2	3			6	4	4	13	8	17	23	36	45	56	101	133	182	244	309	231	131	45	9	2	1	
	F	1104	9	1	1	3		5	6	11	15	22	30	25	45	38	56	79	84	125	141	177	130	70	25	5	1		
130. Acute nephritis (including unspecified, under 10 years of age)	M	40	3	2	1			3	1		1	2	4	2	4	4	1	3	1	1		1	2	1	2	1			130
	F	30	3	1	1	1		3	1	3	2	2		2	3	2			1	1	2	1	1						
131. Chronic nephritis	M	692	1		1			2	2	3	7	4	7	15	20	25	27	58	57	93	90	122	87	54	15	2			131
	F	675	1			1		2	4	5	9	2	15	8	26	23	29	48	54	76	93	121	94	46	15	2	1		
132. Nephritis, unspecified (10 years and over)	M	235								1	3	2	1	1	5	5	12	22	29	35	41	32	26	14	3	3			132
	F	220								2	1	3	2	4	6	4	12	18	16	30	29	40	25	18	8	2			
133. Other diseases of the kidneys and ureters	M	67	2					1			1		2	3	4	4	6	2	6	4	6	16	7	1		1	1		133
	F	68	5			1				1		3	2	3	3		5	6	6	9	8	7	4	4	1				
134. Calculi of the urinary passage	M	38							1		1		1	1	1	3	7	4	6	2	2	6	1	1	1				134
	F	11										1	2			2	1	1		3			1						
135. Diseases of the bladder (tumours excepted)	M	38											2			1		1	1	2	6	9	6	5	3	1	1		135
	F	30											1					3	2	3	5	7	5	2	1	1			
136. Diseases of the urethra, urinary abscess, etc	M	25			1										1	1	3	2	5	2	5	1	4						136
	F	4														1	1				1	1							
136A. Stricture of the urethra	M	20			1										1	1	2	2	4	2	3	1	3						136A
136B. Others under this title	M	5															1		1		2		1						136B
	F	4														1	1				1	1							
137. Diseases of the prostate	M	473													1	2		9	28	43	94	121	97	55	21	1		1	137
138. Diseases of the male genital organs (not specified as venereal)	M	4	1											1								1	1						138
139. Diseases of the female genital organs (not specified as venereal)	F	66							1		3	11	8	8	7	6	8	3	5	3	3								139
139A. Of the ovary, Fallopian tube and parametrium	F	37									2	9	7	5	3	2	3	1	2	1	2								139A

139B. Of the uterus	F	28							1		1	2	1	3	3	4	5	2	3	2	1										139B
139C. Of the breast	F	1													1																
CLASS XI.—DISEASES OF PREGNANCY, CHILDBIRTH AND THE PUERPERAL STATE																															
Total		355								20	68	81	85	58	40	3															
140. Abortion with septic conditions	F	29								3	5	8	10	2	1																140
140A. Abortion	F	21								3	2	7	7	2																	140A
140B. Self-induced abortion	F	8									3	1	3		1																140B
141. Abortion without mention of septic conditions (haemorrhage included)	F	20								1	4	3	6	3	3																141
141A. Abortion	F	15									4	3	4	2	2																141A
141B. Self-induced abortion	F	5								1			2	1	1																141B
142. Ectopic gestation	F	16										2	8	3	3																142
142A. With septic conditions	F	1											1																		142A
142B. Without mention of septic conditions	F	15										2	7	3	3																142B
143. Other accidents of pregnancy (haemorrhage excluded)	F	2											1		1																143
144. Puerperal haemorrhage	F	34										11	7	9	5	2															144
144A. Placenta praevia	F	18										5	7	3	3																144A
144B. Other haemorrhages	F	16										6		6	2	2															144B
145. Puerperal septicaemia (not specified as due to abortion)	F	85								7	24	19	16	13	6																145
145A. Puerperal septicaemia and pyaemia	F	85								7	24	19	16	13	6																145A
146. Puerperal albuminuria and eclampsia	F	64								2	13	20	13	11	5																146
147. Other toxaemias of pregnancy	F	21								1	3	4	8	3	2																147
148. Puerperal phlegmasia alba dolens, embolism or sudden death (not specified as septic)	F	28								1	6	5	8	4	4																148
148A. Phlegmasia alba dolens and thrombosis	F	8									1	1	2	1	3																148A
148B. Embolism	F	18								1	5	3	6	3																	148B
148C Sudden death	F	2										1			1																148C
149. Other accidents of childbirth	F	50								5	12	9	7	8	8	1															149
149A. Caesarean operation	F	16								2	3	3		5	3																149A
149B. Other surgical operations and instrumental delivery	F	2										1				1															149B
149C. Dystocia	F	19								2	7	3	2	1	4																149C
149D. Rupture of uterus in parturition	F	4											2	1	1																149D
149E. Others under this title	F	9								1	2	2	3	1																	149E
150. Other or unspecified condition of the puerperal state	F	6									1		1	2	2																150
150B. Others under this title	F	6									1		1	2	2																150B

TABLE 37—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1936—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS																										
			Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
CLASS XII.—DISEASES OF THE SKIN AND CELLULAR TISSUE																													
Total	...	89	6	3	....	2	....	2	3	5	3	1	3	2	3	8	9	3	4	7	4	7	9	4	1	....	....	....	
	M	51	5	1	....	1	....	1	2	2	1	1	3	....	2	5	4	1	2	7	4	4	3	2	....	....	....	....	
	F	38	1	2	....	1	....	1	1	3	2	....	....	2	1	3	5	2	2	....	....	3	6	2	1	....	....	....	
151. Carbuncle	M	16	1	....	....	1	....	....	2	....	....	1	1	....	1	3	2	1	....	2	....	....	1	....	....	....	....	....	151
	F	10	....	....	....	....	....	....	....	....	1	....	....	....	....	1	2	1	1	....	....	2	2	....	....	....	....	....	
152. Cellulitis, acute abscess	M	18	1	1	....	....	....	1	....	2	1	....	1	....	....	2	1	....	....	4	....	2	1	1	....	....	....	....	152
	F	16	....	1	....	1	....	1	1	3	....	....	....	1	1	1	2	....	1	....	....	....	2	1	....	....	....	....	
153. Other diseases of the skin and annexa and of the cellular tissue	M	17	3	....	....	....	....	....	....	....	....	....	1	....	1	....	1	....	2	1	4	2	1	1	....	....	....	....	153
	F	12	1	1	....	....	....	....	....	....	1	....	....	1	....	1	1	1	....	....	....	1	2	1	1	....	....	....	
CLASS XIII.—DISEASES OF THE BONES AND ORGANS OF LOCOMOTION																													
Total	...	87	3	3	3	2	....	7	9	9	3	1	1	6	1	3	1	4	2	12	3	6	2	3	1	1	1	....	
	M	43	2	1	3	1	....	3	5	8	2	1	1	2	1	1	1	3	1	3	1	1	1	....	1	....	....	....	
	F	44	1	2	....	1	....	4	4	1	1	....	....	4	....	2	....	1	1	9	2	5	1	3	....	1	1	....	
154. Osteomyelitis	M	33	....	....	3	1	....	3	4	7	2	1	1	1	1	1	1	3	1	1	1	....	1	....	....	....	....	....	154
	F	19	1	2	....	....	....	4	3	....	1	....	....	2	....	1	....	....	....	1	....	1	....	3	....	....	....	....	
155. Other diseases of the bones (tuberculosis excepted)	M	4	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	155
	F	10	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	3	1	1	1	....	....	1	1	....	
156. Diseases of the joints and other organs of locomotion	M	6	2	....	....	....	....	....	1	....	....	....	....	1	....	....	....	....	....	2	....	....	....	....	....	....	....	....	156
	F	15	....	....	....	1	....	....	1	1	....	....	....	1	....	....	....	1	1	5	1	3	....	....	....	....	....	....	
156A. Of the joints (tuberculosis and rheumatism excepted)	M	3	....	....	....	....	....	....	1	....	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	156A
	F	5	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	....	1	1	1	....	....	....	....	....	....	....	
156B. Of other organs of locomotion	M	3	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	156B
	F	10	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	1	....	4	....	3	....	....	....	....	....	....	

CLASS XIV.—CONGENITAL MALFORMATIONS																															
Total	...	496	434	15	9	7	2	10	7	2	3	3	1	1	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	
	M	254	227	7	4	4	1	2	3	1	1	2	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
	F	242	207	8	5	3	1	8	4	1	2	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	
157. Congenital malformations (stillbirths excluded)	M	254	227	7	4	4	1	2	3	1	1	2	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	157
	F	242	207	8	5	3	1	8	4	1	2	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	
157A. Congenital hydrocephalus	M	37	27	3	....	3	....	2	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	157A
	F	35	29	1	3	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
157B. Spina bifida and meningocele	M	46	44	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	157B
	F	63	57	....	1	....	1	3	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
157C. Congenital malformations of heart	M	102	95	2	1	....	1	....	1	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	157C
	F	75	61	5	....	3	....	2	2	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
157D. Monstrosities	M	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	157D
	F	11	11	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
157E. Others under this title	M	68	60	2	3	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	157E
	F	58	49	2	1	....	....	2	2	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	
CLASS XV.—DISEASES OF EARLY INFANCY																															
Total	...	1637	1637	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
	M	924	924	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
	F	713	713	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
158. Congenital debility	M	79	79	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	158
	F	52	52	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
159. Premature birth	M	583	583	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	159
	F	469	469	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
160. Injury at birth	M	144	144	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	160
	F	100	100	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
160A. With mention of caesarean operation	M	3	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	160A
	F	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
160B. Without mention of caesarean operation	M	141	141	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	160B
	F	99	99	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
161. Other diseases peculiar to early infancy (under 3 months)	M	118	118	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	161
	F	92	92	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
161A. Atelectasis	M	35	35	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	161A
	F	25	25	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
161B. Icterus of the new-born	M	22	22	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	161B
	F	8	8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
161C. Sclerema and oedema	M	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	161C
161D. Athrepsia	M	6	6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	161D
161E. Others, including lack of care	M	52	52	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	161E
	F	55	55	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
161F. No cause given, no doctor in attendance	M	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	161F
	F	4	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	

TABLE 37—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1936—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS																								
			Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
CLASS XVI.—SENILITY																												
Total	...	396	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	2	42	72	102	92	57	20	7	....	
	M	171	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	20	35	41	36	28	9	1	....	
	F	225	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	1	22	37	61	56	29	11	6	....	
162. Senility	M	171	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	20	35	41	36	28	9	1	....	162
	F	225	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	1	22	37	61	56	29	11	6	....	
162A. With senile dementia (70 years and over)	M	35	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	14	14	4	2	1	....	....	....	162A
	F	45	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	11	10	13	6	4	1	....	....	
162B. Without senile dementia (70 years and over)	M	135	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	6	21	37	34	27	9	1	....	162B
	F	177	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	11	27	48	50	25	10	6	....	
162C. Premature senility (55 years but under 70 years)	M	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	162C
	F	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	1	....	....	....	....	....	....	....	....	
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS																												
Total	...	3294	76	42	46	24	29	95	67	86	151	168	164	154	179	174	188	164	159	208	248	292	265	190	88	23	6	8	
	M	2111	43	24	29	15	18	63	50	68	120	136	131	120	141	142	154	120	110	137	122	141	110	73	27	9	1	7	
	F	1183	33	18	17	9	11	32	17	18	31	32	33	34	38	32	34	44	49	71	126	151	155	117	61	14	5	1	
163–171. Suicides	M	299	....	....	....	....	....	....	1	2	14	29	21	19	20	43	40	39	26	22	15	2	3	....	....	....	....	3	163 -
	F	99	....	....	....	....	....	....	1	2	8	10	9	13	6	13	11	10	4	5	6	....	....	....	....	....	....	1	171
163. Suicide by solid or liquid poisons or by absorption of corrosive substances	M	33	....	....	....	....	....	....	....	....	....	3	3	2	2	9	3	6	1	3	1	....	....	....	....	....	....	....	163
	F	35	....	....	....	....	....	....	1	2	2	5	4	4	4	3	4	4	1	....	1	....	....	....	....	....	....	....	
164. Suicide by poisonous gas	M	27	....	....	....	....	....	....	....	....	1	2	2	3	2	5	2	2	3	2	3	....	....	....	....	....	....	....	164
	F	6	....	....	....	....	....	....	....	....	2	....	....	2	....	1	1	....	....	....	....	....	....	....	....	....	....	....	
165. Suicide by hanging or strangulation	M	74	....	....	....	....	....	....	1	....	2	4	5	4	8	9	14	13	4	5	3	....	1	....	....	....	....	1	165
	F	16	....	....	....	....	....	....	....	....	1	3	1	4	....	3	1	1	2	....	....	....	....	....	....	....	....	....	
166. Suicide by drowning	M	38	....	....	....	....	....	....	....	....	3	3	....	1	1	5	7	5	5	4	4	....	....	....	....	....	....	....	166
	F	27	....	....	....	....	....	....	....	....	2	1	3	2	1	4	3	2	1	4	3	....	....	....	....	....	....	1	
167. Suicide by firearms	M	74	....	....	....	....	....	....	....	....	5	12	8	6	2	9	9	8	6	3	2	2	1	....	....	....	....	1	167
	F	5	....	....	....	....	....	....	....	....	1	1	1	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	
168. Suicide by cutting or piercing instruments	M	24	....	....	....	....	....	....	....	....	....	1	2	....	2	4	1	3	5	5	1	....	....	....	....	....	....	....	168
	F	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	

169. Suicide by jumping from high places	M	18	..	..	..	..	..	..	..	2	1	2	..	1	3	1	4	1	1	..	1	..	1	..	..	..	..	..	169
	F	5	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	1	..	1	..	1	..	..	..	..	..	..	..	
170. Suicide by crushing	M	5	..	..	..	..	..	..	..	..	..	1	..	1	..	1	..	..	..	1	..	..	..	..	..	..	..	..	1	170
	F	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	
171. Suicide by other means	M	6	..	..	..	..	..	..	..	..	2	1	1	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	171
	F	3	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	2	..	..	..	..	..	..	..	..	..	..	..	
173–175. Homicides	M	21	2	..	1	..	..	..	..	..	1	..	3	2	3	3	1	1	1	1	..	2	..	..	..	..	..	..	173–175
	F	28	6	..	..	..	..	..	..	3	4	5	5	2	..	1	1	..	..	1	..	..	..	..	..	..	..	..	
173. Homicide by firearms	M	7	..	..	..	..	..	..	..	..	..	..	2	..	1	..	1	1	1	..	..	1	..	..	..	..	..	..	173
	F	3	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	
174. Homicide by cutting or piercing instruments	M	3	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	174
	F	3	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
175. Homicide by other means	M	11	2	..	1	..	..	..	..	..	1	..	1	1	1	2	..	..	..	1	..	1	..	..	..	..	..	..	175
	F	22	6	..	..	..	..	..	..	3	3	4	3	1	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	
176–198. Other violent deaths	M	1791	41	24	28	15	18	63	49	66	105	107	107	99	118	96	113	80	83	114	107	137	107	73	27	9	1	4	176–198
	F	1056	27	18	17	9	11	32	16	13	19	17	19	19	32	18	22	34	45	65	120	151	155	117	61	14	5	..	
176. Attack by venomous animals	M	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	176
177. Food poisoning	M	5	..	..	..	..	..	1	..	1	..	..	..	..	..	..	2	..	1	..	..	..	..	..	..	..	..	..	177
	F	2	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	
178. Accidental absorption of toxic gases	M	16	..	..	..	..	..	..	..	..	2	1	1	1	3	1	4	1	2	..	..	..	..	..	..	..	..	..	178
	F	7	..	..	..	..	..	..	1	..	..	..	..	1	..	1	..	..	..	..	1	2	..	..	1	..	..	..	
179. Other acute accidental poisonings (except by gas)	M	16	1	1	2	1	1	..	..	..	..	1	..	2	2	1	2	..	..	1	..	..	1	..	..	..	..	..	179
	F	12	..	3	1	..	2	..	1	1	1	1	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	
180. Conflagration	M	33	1	1	3	3	..	3	1	1	..	1	4	1	2	..	4	1	2	1	1	..	2	1	..	..	..	..	180
	F	29	..	3	2	..	3	7	3	1	1	2	..	..	1	1	..	..	..	2	1	1	1	..	..	..	..	..	
181. Accidental burns (conflagration excepted)	M	53	5	5	5	1	2	3	1	2	1	3	2	2	3	2	2	..	4	2	2	2	2	1	1	..	..	..	181
	F	60	3	4	5	3	..	8	1	1	..	1	3	2	3	2	2	2	6	1	1	7	5	..	..	..	..	..	
182. Accidental mechanical suffocation	M	51	25	4	2	..	..	1	2	2	..	2	4	1	2	3	1	..	1	..	..	..	..	..	..	..	..	1	182
	F	18	12	1	..	1	..	..	..	..	..	..	1	..	1	..	..	1	..	1	..	..	..	..	..	..	..	..	
183. Accidental drowning	M	205	..	4	9	3	5	23	21	14	23	26	21	7	12	8	11	4	4	4	2	1	1	1	..	..	..	1	183
	F	25	..	1	3	2	1	1	..	1	3	3	1	2	4	..	2	..	1	..	..	..	..	..	..	..	..	..	
184. Accidental injury by firearms	M	25	..	1	..	..	..	2	3	1	3	2	..	1	2	6	3	..	1	..	..	..	..	..	..	..	..	..	184
	F	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
185. Accidental injury by cutting or piercing instruments	M	17	..	..	..	..	..	1	2	2	1	1	..	1	2	1	1	..	2	1	2	..	..	..	..	..	..	..	185
	F	4	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	1	1	..	..	..	..	..	..	
186. Accidental injury by fall, crushing or landslide	M	921	2	2	4	5	10	28	15	39	66	59	62	67	70	53	59	53	37	58	56	76	43	37	15	4	..	1	186
	F	496	..	3	5	2	5	13	8	8	11	7	9	10	16	4	10	15	16	29	66	71	80	67	31	7	3	..	
187. Cataclysm	M	2	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	187
188. Injuries by animals	M	21	..	1	..	..	..	..	..	..	..	..	..	1	1	1	2	2	1	2	4	3	1	2	..	..	..	..	188
	F	2	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	
189. Hunger or thirst	M	3	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	189
190. Excessive cold	M	17	..	..	..	..	..	..	..	1	..	2	1	1	1	..	..	2	..	1	2	4	1	1	..	..	..	..	190
	F	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	
191. Excessive heat	M	331	7	2	3	1	..	..	1	1	2	1	3	6	10	13	20	15	23	39	34	49	52	31	11	5	1	1	191
	F	371	11	3	..	1	..	..	1	1	2	2	2	3	5	9	8	16	21	30	47	65	62	47	26	7	2	..	
192. Lightning	M	2	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	192

TABLE 37—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1936—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS																									
			Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
193. Accidents due to electric currents	M	14						1	2	1		1	2	1	3	2							1					193
194. Other accidents	M	53		2		1				1	6	5	6	7	4	2	1	2	2	3	4	4	2	1				194
	F	23						2	1												3	4	7	3	3			
194A. Foreign body	M	1		1																								194A
	F	1						1																				
194B. Others under this title	M	52		1		1				1	6	5	6	7	4	2	1	2	2	3	4	4	2	1				194B
	F	22						1	1												3	4	7	3	3			
195. Violent deaths of which the nature (accident, suicide, homicide) is unknown	M	4									1	1				1			1									195
	F	5	1		1						1		1	1														
198. Capital punishment	M	1										1																198
CLASS XVIII.—ILL-DEFINED CAUSES OF DEATH																												
Total		57	14	3	3			1			1	1	1		4	3	1	3	5	7	4	1	3	1	1			
	M	39	10	2	1						1	1	1		4	2	1	1	4	5	3	1	1		1			
	F	18	4	1	2			1								1		2	1	2	1		2	1				
199. Sudden death	M	14													2	2			3	2	3	1	1					199
	F	6	2																		1		2	1				
200. Cause of death not specified or ill-defined	M	25	10	2	1						1	1	1		2		1	1	1	3					1			200
	F	12	2	1	2			1								1		2	1	2								

SPECIAL CLASSES OF ACCIDENTAL DEATHS

(Included also under the numbers of the International List above)

ONTARIO, 1936

A. Accidents in mines and quarries	M	58								2	5	9	20	12	3	3	2	2										A
B. Accidents caused by machines	M	41							3	2	5	1	4	6	5	2	4	1	3	3	1		1					B
	F	2						1						1														
C. Railway accidents	M	89							2	2	7	5	9	12	14	6	12	8	2	1	5	3	1					C
	F	8						1			1					1		1			2	1	1					

D. Street-car accidents	M	7								1			1			1	1			2		1						D
	F	3															1			1		1						
E. Automobile and motorcycle accidents	M	431	1	2	4	2	9	22	9	27	40	36	29	27	33	30	31	25	16	28	24	24	7	3	1	1		E
	F	133		2	5	2	2	8	5	7	9	5	7	9	16	3	4	9	6	7	10	9	5	1	2			
F. Other land transportation	M	49						2	1	4	1	3	4	2	1	1	3	3	5	7	5	6		1				F
	F	9					1	1	3	1			1		1							1						
G. Water transportation	M	69			1				1	6	8	14	12	4	6	5	7	2	3									G
	F	6										2			2		2											
H. Air transportation	M	4										2	1		1													H
	F	1										1																

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
DEATHS—ALL CAUSES														
Total	...	**37571**	**5032**	**956**	**1053**	**1377**	**2381**	**4**	**217**	**2471**	**6133**	**7596**	**1**	**10344**
	M	19916	2825	564	705	853	1130	3	43	1151	3602	5144	1	3889
	F	17655	2207	392	348	524	1251	1	174	1320	2531	2452	.....	6455
CLASS I.—INFECTIOUS AND PARASITIC DISEASES														
Total	...	2865	695	269	242	132	95	.....	62	387	422	220	.....	341
	M	1569	386	126	157	84	46	.....	14	192	286	142	.....	136
	F	1296	309	143	85	48	49	.....	48	195	136	78	.....	205
1. Typhoid fever	M	27	5	8	5	1	1	.....	1	3	2	.....	.....	1
	F	13	4	.....	1	1	.....	.....	2	2	2	.....	.....	1
2. Paratyphoid fever	F	3	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	1
5. Undulant fever	M	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
	F	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
7. Measles	M	45	42	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
	F	39	34	1	1	.....	1	.....	.....	2	.....	.....	.....	.....
8. Scarlet fever	M	34	26	3	.....	.....	.....	.....	.....	4	1	.....	.....	.....
	F	45	33	2	2	.....	.....	.....	2	4	2	.....	.....	.....
9. Whooping-cough	M	58	57	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
	F	54	52	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....
10. Diphtheria	M	14	11	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....
	F	17	13	1	1	.....	.....	.....	.....	2	.....	.....	.....	.....
11. Influenza	M	347	77	7	11	9	24	.....	1	26	53	79	.....	60
	F	375	61	16	4	16	33	.....	9	29	41	43	.....	123
11A. Sole cause	M	28	10	.....	1	.....	4	.....	.....	.....	3	5	.....	5
	F	21	4	.....	.....	1	.....	.....	.....	.....	.....	5	.....	11
11B. With bronchitis	M	13	4	.....	1	1	.....	.....	.....	2	2	1	.....	2
	F	14	1	.....	.....	1	2	.....	.....	.....	2	2	.....	6
11C. With pneumonia	M	182	35	6	6	8	12	.....	.....	14	37	40	.....	24
	F	159	22	9	1	7	12	.....	5	20	15	19	.....	49
11D. With other diseases of the respiratory system	M	14	1	.....	.....	.....	1	.....	.....	1	3	4	.....	4
	F	24	3	.....	.....	.....	4	.....	.....	.....	4	1	.....	12
11E. With intestinal complications	M	22	10	.....	.....	.....	3	.....	.....	1	.....	4	.....	4
	F	35	11	1	.....	1	4	.....	1	1	3	3	.....	10
11F. With other causes	M	88	17	1	3	.....	4	.....	1	8	8	25	.....	21
	F	122	20	6	3	6	11	.....	3	8	17	13	.....	35
13. Dysentery	M	17	10	.....	.....	1	.....	.....	.....	1	2	2	.....	1
	F	17	6	.....	.....	.....	2	.....	1	.....	.....	3	.....	5
15. Erysipelas	M	47	14	1	2	4	1	.....	.....	3	7	6	.....	9
	F	34	15	1	.....	3	.....	.....	.....	1	3	5	.....	6
16. Poliomyelitis and polioencephalitis (acute)	M	12	6	2	1	.....	.....	.....	1	2	.....	.....	.....	.....
	F	11	8	.....	.....	.....	1	.....	1	1	.....	.....	.....	.....
17. Lethargic or epidemic encephalitis	M	9	1	.....	2	1	.....	.....	.....	1	3	.....	.....	1
	F	6	1	1	.....	1	.....	.....	.....	.....	2	.....	.....	1
18. Epidemic cerebrospinal meningitis	M	12	4	4	1	.....	.....	.....	1	2	.....	.....	.....	.....
	F	8	7	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
22. Tetanus	M	16	5	2	1	1	.....	.....	.....	4	1	1	.....	1
	F	4	3	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
23–32 Tuberculosis	M	749	85	87	125	45	15	.....	10	123	171	40	.....	48
	F	578	46	114	76	23	11	.....	28	138	64	25	.....	53
23. Tuberculosis of the respiratory system	M	613	24	71	110	42	12	.....	9	110	155	34	.....	46
	F	496	20	104	71	21	8	.....	23	124	55	22	.....	48
24. Tuberculosis of the meninges and central nervous system	M	62	47	4	6	.....	.....	.....	1	4	.....	.....	.....	.....
	F	29	18	4	.....	.....	.....	.....	1	4	2	.....	.....	.....
25. Tuberculosis of the intestines and peritoneum	M	14	4	3	3	.....	.....	.....	.....	1	3	.....	.....	.....
	F	23	5	1	1	1	1	.....	2	4	4	1	.....	3
26. Tuberculosos of the vertebral column	M	10	1	.....	1	1	.....	.....	.....	2	5	.....	.....	.....
	F	10	1	1	1	1	2	.....	.....	2	1	1	.....	.....
27. Tuberculosis of the bones and joints (vertebral column excepted)	M	11	1	.....	.....	1	2	.....	.....	2	2	3	.....	.....
	F	2	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1936

NATIVITY					MONTHS												
			Foreign														
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
6	27834	6717	994	1880	146	3302	3191	3462	3315	3234	2942	3732	2550	2625	2913	3014	3291	
6	14445	3609	486	1265	111	1728	1699	1825	1795	1695	1580	1999	1371	1378	1550	1609	1687	
....	13389	3108	508	615	35	1574	1492	1637	1520	1539	1362	1733	1179	1247	1363	1405	1604	
....	2268	344	55	192	6	249	317	311	285	279	237	209	146	191	206	190	245	
....	1169	211	28	156	5	133	164	181	156	161	134	118	75	103	111	110	123	
....	1099	133	27	36	1	116	153	130	129	118	103	91	71	88	95	80	122	
....	25	1	....	1	....	2	1	3	....	2	....	3	1	4	6	5	....	1
....	10	2	....	1	....	....	2	....	....	....	....	3	2	2	1	3	....	
....	3	....	....	....	....	1	....	....	....	1	....	....	1	....	....	....	....	2
....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	5
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	
....	44	....	1	....	....	7	8	5	6	8	2	1	....	3	1	2	2	7
....	38	....	1	....	....	6	6	5	7	4	3	3	....	1	2	1	1	
....	33	....	1	....	....	5	4	8	5	2	3	....	1	2	2	1	1	8
....	45	....	....	....	....	3	8	7	5	3	....	2	3	6	1	3	4	
....	58	....	....	....	....	3	2	7	1	8	4	4	7	9	5	4	4	9
....	53	....	1	....	....	4	10	3	6	4	5	3	2	5	4	3	5	
....	13	1	....	....	....	....	....	....	....	....	....	3	1	1	....	3	6	10
....	16	1	....	....	....	....	1	1	4	1	....	....	....	3	2	1	4	
....	273	53	10	11	....	33	57	50	40	33	19	18	5	8	17	23	44	11
....	306	53	6	10	....	49	60	54	38	24	19	16	10	16	20	16	53	
....	22	6	....	....	....	7	10	1	2	2	....	1	....	1	....	1	3	11A
....	15	4	1	1	....	2	3	5	....	1	1	2	....	1	1	2	3	
....	9	3	....	1	....	1	5	....	1	1	....	....	....	....	....	4	1	11B
....	10	2	1	1	....	3	3	2	1	1	....	....	....	....	1	2	1	
....	136	30	8	8	....	12	28	30	24	20	13	9	2	....	4	14	26	11C
....	124	28	2	5	....	18	28	29	18	7	10	5	5	2	10	6	21	
....	14	....	....	....	....	....	1	2	4	4	2	....	....	....	1	....	....	11D
....	22	1	....	1	....	4	4	4	3	2	1	....	....	....	....	1	5	
....	18	3	....	1	....	1	1	4	2	....	1	1	2	2	6	2	....	11E
....	30	3	2	....	....	4	3	2	4	2	1	2	2	4	3	2	6	
....	74	11	2	1	....	12	12	13	7	6	3	7	1	5	6	2	14	11F
....	105	15	....	2	....	18	19	12	12	11	6	7	3	9	5	3	17	
....	16	....	....	1	....	2	1	1	....	1	1	1	....	4	6	....	....	13
....	13	4	....	....	....	1	1	2	....	1	1	....	1	4	5	....	1	
....	35	5	2	3	2	5	3	3	5	9	4	1	....	1	4	5	7	15
....	30	4	....	....	....	4	8	3	5	3	2	....	2	1	2	....	4	
....	10	1	....	1	....	1	1	1	....	1	....	1	1	4	2	....	....	16
....	10	....	1	....	....	....	....	....	....	....	....	1	3	....	4	2	1	
....	8	1	....	....	....	....	3	1	1	1	1	....	....	....	....	....	2	17
....	6	....	....	....	....	....	1	1	....	1	....	....	....	2	....	....	1	
....	11	1	....	....	....	1	2	5	....	1	1	....	....	....	....	....	2	18
....	8	....	....	....	....	....	1	....	1	1	....	1	....	....	2	2	....	
....	14	1	....	1	....	....	....	....	2	2	1	3	1	4	....	2	1	22
....	4	....	....	....	....	....	....	....	....	....	....	2	....	1	....	1	....	
....	505	111	13	118	2	58	65	79	83	76	85	73	48	49	51	47	35	23–32
....	487	56	13	21	1	36	49	52	54	71	62	52	43	37	44	42	36	
....	388	102	13	108	2	50	48	60	71	63	73	61	40	41	41	36	29	23
....	413	49	13	20	1	32	38	47	47	59	49	45	37	31	42	36	33	
....	54	3	....	5	....	4	5	9	6	5	5	7	4	3	6	7	1	24
....	29	....	....	....	....	1	4	1	....	4	7	4	3	1	1	3	....	
....	13	1	....	....	....	....	1	3	1	3	1	1	1	....	1	1	1	25
....	19	4	....	....	....	....	4	2	....	6	2	....	3	3	....	2	1	
....	10	....	....	....	....	1	2	2	1	1	1	1	1	....	....	....	....	26
....	8	1	....	1	....	1	1	2	3	....	....	2	....	....	....	....	1	
....	8	....	....	3	....	1	2	2	....	1	2	1	1	....	1	....	....	27
....	2	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
27A. Of bones	M	4					1			1		2		
27B. Of joints	M	7	1			1	1			1	2	1		
	F	2			1							1		
28. Tuberculosis of the skin and sub-cutaneous cellular tissue	F	1			1									
29. Tuberculosis of the lymphatic system (bronchial, mesenteric and retroperitoneal glands excepted)	M	3	1								1			1
30. Tuberculosis of the genito-urinary system.	M	15		4	5					2	2	1		1
	F	7			1					3	2			1
31. Tuberculosis of other organs	M	1										1		
	F	1												1
32. Disseminated tuberculosis	M	20	7	5		1	1			2	3	1		
	F	9	2	4					2	1				
32A. Acute	M	18	7	4		1	1			2	3			
	F	7	2	3					1	1				
32C. Not specified	M	2		1								1		
	F	2		1					1					
34. Syphilis	M	99	15	2	5	13	4			11	33	9		7
	F	47	9	2		3			2	9	13			9
35. Gonococcus infection and other venereal diseases	M	1			1									
	F	4	1	1					1	1				
36. Purulent infection, septicaemia (non-puerperal)	M	50	15	5	1	6	1			6	9	2		5
	F	17	3	2					1	2	4	1		4
38. Malaria	M	1									1			
39. Other diseases due to protozoal parasites	M	2			1	1								
41. Hydatid cysts	M	1								1				
41A. Of the liver	M	1								1				
42. Other diseases caused by helminths	M	2	1							1				
	F	2	2											
43. Mycoses	M	7	3							1				3
	F	4	1	1						2				
44. Other infectious or parasitic diseases	M	18	9	2		1				3	2	1		
	F	17	10	1						1	2	1		2
42A. Chicken-pox	M	3	2									1		
	F	3	2											1
44B. German measles	M	2	1								1			
	F	1	1											
44C. Others under this title.	M	13	6	2		1				3	1			
	F	13	7	1						1	2	1		1
CLASS II.—CANCER AND OTHER TUMOURS														
Total		4773	38	37	80	246	272		5	323	1254	1182		1336
	M	2163	24	14	36	99	121		1	87	549	774		458
	F	2610	14	23	44	147	151		4	236	705	408		878
45–53. Cancer and other malignant tumours	M	2050	17	9	30	95	112		1	82	522	742		440
	F	2391	9	15	30	135	147		3	188	649	382		833
45. Cancer of the buccal cavity and pharynx	M	109	2		1	6	9			2	17	41		31
	F	22	1	1		1	1			1	4	4		9
46. Cancer of the digestive tract and peritoneum.	M	1181	1		10	56	66			36	338	422		252
	F	1069		4	4	46	79		1	54	238	201		442
46A. Of the oesophagus	M	69				1	4				26	25		13
	F	39				2	4			1	16	6		10
46B. Of the stomach and duodenum	M	509			2	27	28			17	137	187		111
	F	331		1		12	23			16	63	75		141
46C. Of the rectum	M	138			1	10	6			3	43	47		28
	F	101			1	5	8			6	23	20		38
46D. Of the liver and biliary ducts	M	105				4	2			2	34	38		25
	F	178		1	1	7	8			7	36	28		90

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1936—Continued

NATIVITY					MONTHS												
			Foreign														
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
....	4	....	....	....	....	....	1	2	....	....	....	....	....	....	1	....	....	27A
....	4	....	....	3	....	1	1	....	....	1	2	1	1	....	....	....	....	27B
....	2	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	
....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	28
....	2	1	....	....	....	....	1	1	....	....	....	1	....	....	....	....	....	29
....	12	1	....	2	....	....	2	2	1	3	1	....	....	1	1	1	3	30
....	5	2	....	....	....	1	1	....	....	....	2	1	....	1	....	1	....	
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	31
....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	
....	17	3	....	....	....	2	4	....	3	....	2	1	1	4	1	2	....	32
....	9	....	....	....	....	1	1	....	2	2	2	....	....	....	....	....	1	
....	15	3	....	....	....	2	2	....	3	....	2	1	1	4	1	2	....	32A
....	7	....	....	....	....	1	1	....	....	2	2	....	....	....	....	....	1	
....	2	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	32C
....	2	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	
....	55	27	1	16	....	6	8	7	7	10	9	6	7	9	11	8	11	34
....	30	9	4	4	....	9	4	....	4	1	7	3	4	5	4	2	4	
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	35
....	4	....	....	....	....	....	....	....	....	1	....	....	....	2	....	1	....	
....	41	6	....	2	1	7	7	5	3	4	4	1	1	3	5	7	3	36
....	16	1	....	....	....	1	1	1	3	....	1	3	....	1	....	1	5	
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	38
....	2	....	....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	39
....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	41
....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	41A
....	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	1	....	42
....	2	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	
....	7	....	....	....	....	1	....	1	....	1	....	1	....	1	....	1	1	43
....	4	....	....	....	....	1	....	....	....	....	....	....	....	....	2	....	1	
....	16	2	....	....	....	2	....	3	3	2	....	1	2	1	1	....	3	44
....	13	3	1	....	....	1	1	1	1	1	3	2	....	2	2	2	1	
....	3	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	1	44A
....	2	1	....	....	....	....	....	....	....	....	1	....	....	....	....	1	1	
....	2	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	44B
....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	
....	11	2	....	....	....	1	....	3	2	....	....	1	2	1	1	....	2	44C
....	10	2	1	....	....	1	1	1	1	....	2	2	....	2	2	1	....	
....	3197	1140	130	297	9	388	387	409	420	404	338	426	373	410	397	404	417	
....	1387	532	47	190	7	185	182	177	210	180	150	184	165	190	183	175	182	
....	1810	608	83	107	2	203	205	232	210	224	188	242	208	220	214	229	235	
....	1314	509	44	177	6	177	177	171	199	174	138	171	157	183	170	164	169	45–53
....	1641	574	79	95	2	186	182	218	194	204	167	223	192	200	194	210	221	
....	75	26	2	6	....	14	10	9	10	10	5	10	5	8	7	10	11	45
....	14	8	....	....	....	1	1	....	2	4	....	....	4	....	3	2	5	
....	744	290	20	124	3	95	104	104	118	104	79	97	89	105	96	97	93	46
....	715	268	32	53	1	79	75	101	85	101	81	94	82	88	89	101	96	
....	36	22	....	11	....	6	6	4	6	9	7	6	7	2	5	5	6	46A
....	22	15	1	1	....	5	2	5	2	3	2	6	7	1	3	1	2	
....	327	106	10	64	2	45	45	46	55	42	31	40	37	47	45	41	35	46B
....	217	82	9	23	....	23	22	29	21	32	33	31	21	22	33	33	31	
....	89	39	....	10	....	11	10	11	8	12	6	8	11	18	14	12	17	46C
....	69	20	4	7	1	10	7	8	7	9	5	4	10	9	12	7	13	
....	68	26	1	9	1	8	7	12	14	9	5	8	5	14	10	5	8	46D
....	119	43	8	8	....	10	10	23	19	20	12	9	12	19	12	18	14	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										
			Single						Married				
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
46E. Of the pancreas	M	72			2	5	6			4	23	16		16
	F	60			1	4	5			2	16	9		23
46F. Of the peritoneum	M	9					1				5			3
	F	5								1	3	1		
46G. Of other organs	M	279	1		5	9	19			10	70	109		56
	F	355		2	1	16	31		1	21	81	62		140
47. Cancer of the respiratory organs	M	107	1	1	7	6	5			11	38	28		10
	F	63				2	4		1	6	18	16		16
47A. Of the larynx	M	25				1	2			2	4	11		5
	F	5					2			1		2		
47B. Of the lung	M	63			5	5	2			7	27	14		3
	F	50				2	1			4	15	13		15
47C. Of the mediastinum	M	8	1	1	1		1			1	2	1		
	F	7					1		1	1	2	1		1
47D. Of other organs of the respiratory system	M	11			1					1	5	2		2
	F	1									1			
48. Cancer of the uterus	F	343		1	9	13	12			52	113	46		97
48A. Of the uterus	F	221			5	12	8			24	68	38		66
48B. Of the cervix uteri	F	122		1	4	1	4			28	45	8		31
49. Cancer of other female genital organs	F	128	1	3		12	5		1	10	47	20		29
50. Cancer of the breast	M	8				1					2	4		1
	F	517			10	50	33			53	170	62		139
51. Cancer of the male genito-urinary organs	M	408	5		2	13	24		1	8	71	198		86
51A. Of the bladder	M	121			1	2	6			4	33	50		25
51B. Of the kidney	M	34	4		1	2	1			2	12	8		4
51C. Of the prostrate gland	M	233	1			7	16				22	133		54
51D. Of the testicles and annexa	M	11				1			1	2	3	3		1
51E. Of other male genito-urinary organs	M	9				1	1				1	4		2
52. Cancer of the skin	M	66	1		1	3	6			2	9	16		28
	F	33			1		2				5	3		22
53. Cancer of other or not specified organs	M	171	7	8	9	10	2			23	47	33		32
	F	216	7	6	6	11	11			12	54	30		79
53A. Of the eye and orbit	M	1									1			
	F	6				1	1				2			2
53B. Of the circulatory system	F	2								2				
53C. Of the glandular system	M	43	4	1		4	1			4	5	13		11
	F	28			1	1	3			2	8	3		10
53D. Of the female urinary organs	F	72	1			2	4			3	20	7		35
53E. Of the bones and joints	M	36		5	2	1				4	7	8		9
	F	27	2	3		1	1				4	4		7
53F. Of the brain	M	34	3	1	3					9	16	1		1
	F	25	3	2	4	2	1			1	6	1		5
53G. Of the spine and spinal cord	M	12			2					1	5	3		1
	F	6		1		1					2	1		1
53H. Of the neck	M	13				1					5	4		3
	F	4										1		3
53I. Of the abdomen	M	10					1			1	3	1		4
	F	27	1			2				3	8	5		8
53J. Of other specified organs	M	19		1	2	3				4	3	3		3
	F	19				1	1			1	2	6		8
53K. Multiple cancer	M	3				1					2			
	F	5			1						2	2		
54. Non-malignant tumours	M	97	6	5	4	4	7			4	22	28		17
	F	204	5	7	14	11	3			48	52	24		40
54A. Of the ovary	F	39		1	3	2				18	3	3		9
54B. Of the uterus	F	68			6	8	1			26	16	5		6
54D. Of the brain	M	20	5	4	2					1	7			1
	F	22	3	4	2	1				2	7	3		
54E. Of the thyroid gland	M	9				1	1			1	1	3		2
	F	57		1	1		1			1	20	10		23
54F. Of the prostrate gland	M	47				1	4				9	22		11
54G. Of other or unspecified sites	M	21	1	1	2	2	2			2	5	3		3
	F	18	2	1	2		1			1	6	3		2
55. Tumors, nature not specified	M	16	1		2		2			1	5	4		1
	F	15		1		1	1		1		4	2		5
55D. Of the brain	M	8	1		1						2	3		1
	F	7		1		1			1		3			1

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1936—Continued

NATIVITY					MONTHS												
			Foreign														
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
....	42	21	2	7	....	5	8	4	6	7	9	8	5	5	6	5	4	46E
....	41	15	....	4	....	7	5	6	3	5	6	6	3	5	5	5	4	
....	5	3	1	.....	....	1	1	1	.....	.....	.....	1	2	.....	2	.....	1	46F
....	3	2	.....	.....	....	1	.....	.....	.....	.....	.....	1	.....	1	1	.....	1	
....	177	73	6	23	....	19	27	26	29	25	21	26	22	19	14	29	22	46G
....	244	91	10	10	....	23	29	30	30	32	23	37	29	31	23	37	31	
....	46	48	2	10	1	8	9	8	9	6	5	11	10	13	11	7	10	47
....	36	19	2	6	....	12	4	.....	7	4	.....	8	3	6	7	7	5	
....	13	10	1	1	....	3	1	2	3	.....	1	3	2	4	2	2	2	47A
....	4	1	.....	.....	....	.....	1	.....	1	1	.....	1	.....	1	.....	.....	.....	
....	25	28	1	8	1	3	7	4	5	5	1	5	8	8	5	4	8	47B
....	29	14	2	5	....	11	2	.....	5	3	.....	7	3	5	6	3	5	
....	4	3	.....	1	....	1	1	.....	.....	1	1	1	.....	1	2	.....	.....	47C
....	3	3	.....	1	....	1	1	.....	1	.....	.....	.....	.....	.....	1	3	.....	
....	4	7	.....	.....	....	1	.....	2	1	.....	2	2	.....	.....	2	1	.....	47D
....	.....	1	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	
....	233	80	15	14	1	28	28	26	27	22	24	37	30	32	26	29	34	48
....	160	39	12	10	....	20	15	18	19	15	13	21	20	24	17	19	20	48A
....	73	41	3	4	1	8	13	8	8	7	11	16	10	8	9	10	14	48B
....	85	27	8	8	....	13	5	15	12	15	8	8	11	10	7	13	11	49
....	7	1	.....	.....	....	.....	1	2	.....	.....	.....	.....	1	.....	1	2	1	50
....	364	129	16	8	....	38	50	54	46	37	39	54	36	40	40	40	43	
....	271	102	17	17	1	35	32	36	31	39	29	35	34	41	31	33	32	51
....	76	35	5	5	....	13	9	11	9	13	8	8	14	9	8	12	7	51A
....	23	6	1	4	....	3	2	2	3	1	5	3	2	3	2	3	5	51B
....	160	55	10	7	1	17	18	20	19	21	15	23	18	28	20	16	18	51C
....	6	4	.....	1	....	1	1	2	.....	2	.....	1	.....	1	.....	2	1	51D
....	6	2	1	.....	....	1	2	1	.....	2	1	.....	.....	.....	1	.....	1	51E
....	52	13	.....	1	....	7	4	3	9	5	9	7	6	3	5	5	3	52
....	22	11	.....	.....	....	3	.....	3	2	3	1	5	4	2	4	2	4	
	119	29	3	19	1	18	17	9	22	10	11	11	12	13	19	10	19	53
....	172	32	6	6	....	12	19	19	16	18	14	17	22	22	18	16	23	
....	1	.....	.....	.....	....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	53A
....	6	.....	.....	.....	....	.....	3	.....	.....	.....	.....	1	.....	.....	1	.....	1	
....	2	.....	.....	.....	....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	53B
....	32	6	1	3	1	6	3	2	6	1	2	2	3	1	5	3	9	53C
....	19	6	1	2	....	4	.....	2	.....	1	2	3	2	5	2	4	3	
....	57	12	2	1	....	3	4	9	8	6	3	5	11	5	7	3	8	53D
....	27	4	.....	5	....	5	3	2	5	3	1	3	3	3	4	1	3	53E
....	18	3	1	.....	....	1	3	.....	3	2	3	1	1	4	1	1	2	
....	22	10	.....	2	....	1	3	3	2	3	1	2	4	3	3	3	6	53F
....	24	1	.....	.....	....	2	2	3	1	2	1	3	1	3	3	1	3	
....	5	3	.....	4	....	1	2	.....	1	.....	2	.....	1	3	1	1	.....	53G
....	5	1	.....	.....	....	.....	1	1	1	1	.....	.....	.....	.....	.....	2	.....	
....	9	3	1	.....	....	.....	2	.....	4	2	2	1	1	.....	1	.....	.....	53H
....	2	1	1	.....	....	.....	.....	1	1	.....	.....	1	.....	.....	.....	1	.....	
....	7	1	1	1	....	1	1	1	3	.....	.....	.....	.....	1	2	1	.....	53I
....	19	6	.....	2	....	.....	3	1	1	5	1	1	4	2	2	3	4	
....	13	2	.....	4	....	4	3	.....	.....	1	2	3	.....	2	2	1	1	53J
....	15	2	1	1	....	1	2	1	1	1	3	1	3	2	2	.....	2	
....	3	.....	.....	.....	....	.....	.....	.....	1	.....	1	.....	.....	.....	1	.....	.....	53K
....	5	.....	.....	.....	....	1	1	1	.....	.....	.....	1	.....	.....	.....	1	.....	
....	62	21	3	10	1	7	5	5	8	6	11	13	7	4	12	9	10	54
....	156	32	4	12	....	15	19	11	16	20	20	19	15	18	20	18	13	
....	27	9	1	2	....	3	2	3	3	4	3	4	3	3	4	4	3	54A
....	50	11	2	5	....	3	6	4	4	7	9	3	6	4	9	8	5	54B
....	16	3	1	.....	....	1	1	.....	3	1	5	1	1	3	2	1	1	54D
....	15	4	.....	3	....	3	1	1	5	4	...	2	2	1	1	1	1	
....	6	.....	.....	2	1	.....	1	1	1	1	.....	.....	.....	.....	3	2	.....	54E
....	50	6	1	.....	....	3	7	3	3	5	6	8	3	8	4	3	4	
....	27	15	.....	5	....	6	2	1	3	2	4	8	4	.....	4	5	8	54F
....	13	3	2	3	....	.....	1	3	1	2	2	4	2	1	3	1	1	54G
....	14	2	.....	2	....	3	3	.....	1	.....	2	2	1	2	2	2	.....	
....	11	2	.....	3	....	1	.....	1	3	.....	1	.....	1	3	1	2	3	55
....	13	2	.....	.....	....	2	4	3	.....	.....	1	.....	1	2	.....	1	1	
....	6	1	.....	1	....	1	.....	1	.....	.....	.....	.....	.....	3	.....	1	2	55D
....	6	1	.....	.....	....	1	2	1	.....	.....	1	.....	1	1	.....	.....	.....	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
55G. Of other or unspecified sites	M	8	.....	.....	1	.....	2	.....	.....	1	3	1	.....	.....
	F	8	.....	.....	.....	.....	1	.....	.....	.....	1	2	.....	4
CLASS III.—RHEUMATIC DISEASES, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS AND OTHER GENERAL DISEASES														
Total	...	1,109	150	41	26	54	25	.....	2	83	237	225	.....	266
	M	452	80	20	16	32	11	.....	1	28	91	101	.....	72
	F	657	70	21	10	22	14	.....	1	55	146	124	.....	194
56. Acute rheumatic fever	M	85	15	16	7	3	1	.....	1	10	21	4	.....	7
	F	98	22	15	5	3	1	.....	1	22	15	4	.....	10
57. Chronic rheumatism, osteo-arthritis	M	17	.....	1	.....	2	.....	.....	.....	2	6	5	.....	1
	F	24	.....	.....	.....	3	.....	.....	.....	1	3	3	.....	14
59. Diabetes mellitus	M	230	3	1	8	18	8	.....	.....	11	43	80	.....	58
	F	336	5	6	4	4	7	.....	.....	12	88	83	.....	127
60. Scurvy	M	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
62. Pellagra	F	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
63. Rickets	M	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	9	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
65. Diseases of the pituitary gland	M	3	1	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....
	F	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
66. Diseases of the thryoid and parathyroid glands	M	38	4	1	.....	6	1	.....	.....	4	13	6	.....	3
	F	142	7	.....	1	11	6	.....	.....	16	33	32	.....	36
66A. Simple goitre	M	3	.....	.....	.....	1	.....	.....	.....	.....	1	1	.....	.....
	F	28	.....	.....	.....	2	5	.....	.....	1	3	13	.....	4
66B. Exophthalmic goitre	M	27	.....	.....	.....	4	1	.....	.....	3	11	5	.....	3
	F	103	2	.....	1	9	1	.....	.....	15	29	18	.....	28
66C. Myxodema, cretinism	M	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
	F	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
66D. Tetany	M	4	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	4	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
66E. Others under this title	M	3	.....	1	.....	.....	.....	.....	.....	1	1	.....	.....	.....
	F	6	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	4
67. Diseases of the thymus gland	M	49	48	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
	F	22	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68. Diseases of the adrenals (Addison's disease)	M	3	.....	1	.....	1	.....	.....	.....	.....	1	.....	.....	.....
	F	7	.....	.....	.....	.....	.....	.....	.....	3	2	1	.....	1
69. Other general diseases	M	23	5	.....	.....	1	1	.....	.....	.....	7	6	.....	3
	F	17	5	.....	.....	.....	.....	.....	.....	1	5	1	.....	5
69A. Fatty or amyloid degeneration	M	13	.....	.....	.....	1	.....	.....	.....	.....	6	4	.....	2
	F	10	.....	.....	.....	.....	.....	.....	.....	.....	4	1	.....	5
69B. Steatosis	M	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
69C. Others under this title	M	9	5	.....	.....	.....	1	.....	.....	.....	1	2	.....	.....
	F	7	5	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....
CLASS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS														
Total	...	509	42	24	4	14	47	.....	1	40	91	124	.....	122
	M	238	21	14	3	6	19	.....	.....	22	46	74	.....	33
	F	271	21	10	1	8	28	.....	1	18	45	50	.....	89
70. Haemorrhagic conditions	M	8	3	3	.....	.....	.....	.....	.....	1	.....	.....	.....	1
	F	9	2	1	.....	.....	.....	.....	.....	1	1	.....	.....	4
70A. Simple purpura	M	6	2	2	.....	.....	.....	.....	.....	1	.....	.....	.....	1
	F	8	2	1	.....	.....	.....	.....	.....	1	1	.....	.....	3
70B. Haemophilia	M	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
71. Anaemia	M	133	3	.....	1	4	18	.....	.....	3	18	59	.....	27
	F	182	5	2	.....	5	27	.....	.....	7	19	43	.....	74
71A. Pernicious anaemia	M	121	2	.....	.....	4	14	.....	.....	3	16	56	.....	26
	F	155	.....	1	...	5	24	.....	.....	7	16	37	.....	65

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1936—Continued

NATIVITY					MONTHS												
			Foreign														
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
....	5	1	.....	2	....	.....	.....	.....	3	.....	1	.....	1	.....	1	1	1	55G
....	7	1	.....	.....	....	1	2	2	.....	.....	.....	.....	.....	1	.....	1	1	
....	845	173	39	50	2	100	90	97	102	118	86	92	72	84	98	65	105	
....	359	67	10	15	1	31	48	42	43	49	38	41	27	29	37	27	40	
....	486	106	29	35	1	69	42	55	59	69	48	51	45	55	61	38	65	
....	65	14	4	2	....	5	14	6	4	9	8	3	8	9	4	6	9	56
....	77	15	2	4	....	12	6	3	9	12	10	7	7	9	9	7	7	
....	12	3	1	1	....	.....	1	1	3	3	.....	2	.....	2	2	1	2	57
....	17	4	3	.....	....	1	1	2	3	3	.....	2	.....	3	3	1	5	
....	172	45	4	9	....	20	23	20	23	24	21	23	16	9	21	10	20	59
....	231	67	14	23	1	43	20	37	24	35	22	22	24	32	26	18	33	
....	1	.....	.....	.....	....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	60
....	1	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	62
....	3	.....	.....	.....	....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	1	.....	63
....	9	.....	.....	.....	....	1	.....	1	2	1	.....	1	.....	1	.....	1	1	
....	2	.....	1	.....	....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	1	.....	65
....	1	.....	.....	.....	....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	
....	34	2	.....	1	1	2	2	4	5	3	4	5	1	4	3	3	2	66
....	111	18	6	7	....	11	9	12	14	17	15	13	10	6	18	4	13	
....	2	.....	.....	1	....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	66A
....	23	3	2	.....	....	1	2	2	1	4	7	3	1	.....	1	2	4	
....	24	2	.....	.....	1	1	1	3	3	3	3	4	1	3	2	1	2	66B
....	77	15	4	7	....	9	7	8	13	12	6	8	9	5	16	2	8	
....	1	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	66C
....	1	.....	.....	.....	....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	
....	4	.....	.....	.....	....	.....	.....	1	2	.....	.....	.....	.....	.....	.....	1	.....	66D
....	4	.....	.....	.....	....	1	.....	.....	.....	.....	1	1	.....	.....	.....	.....	1	
....	3	.....	.....	.....	....	.....	1	.....	.....	.....	1	.....	.....	1	.....	.....	.....	66E
....	6	.....	.....	.....	....	.....	.....	1	.....	1	1	1	.....	1	1	.....	.....	
....	49	.....	.....	.....	....	2	6	6	4	6	3	4	.....	3	6	4	5	67
....	22	.....	.....	.....	....	1	3	.....	2	.....	1	3	2	1	4	3	2	
....	3	.....	.....	.....	....	.....	1	.....	.....	.....	1	1	.....	.....	.....	.....	.....	68
....	5	.....	2	.....	....	.....	1	.....	1	1	.....	1	.....	.....	.....	1	2	
....	18	3	.....	2	....	2	1	4	4	2	1	1	2	2	1	1	2	69
....	12	2	2	1	....	.....	2	.....	3	.....	.....	2	2	2	1	3	2	
....	10	1	.....	2	....	2	.....	2	2	2	.....	1	2	.....	.....	1	1	69A
....	6	2	2	.....	....	.....	1	.....	1	.....	.....	.....	2	2	.....	2	2	
....	.....	1	.....	.....	....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	69B
....	8	1	.....	.....	....	.....	1	2	1	.....	1	.....	.....	2	1	.....	1	69C
....	6	.....	.....	1	....	.....	1	.....	2	.....	.....	2	.....	.....	1	1	.....	
....	399	79	9	21	1	37	40	42	52	49	44	42	42	37	36	37	51	
....	189	33	3	13	....	20	22	24	27	21	16	15	17	20	17	16	23	
....	210	46	6	8	1	17	18	18	25	28	28	27	25	17	19	21	28	
....	8	.....	.....	.....	....	.....	.....	1	2	.....	1	1	.....	.....	.....	1	2	70
....	7	2	.....	.....	....	1	1	1	1	.....	2	2	.....	1	.....	.....	.....	
....	6	.....	.....	.....	....	.....	.....	1	2	.....	1	1	.....	.....	.....	1	.....	70A
....	6	2	.....	.....	....	1	1	1	1	.....	2	2	.....	.....	.....	.....	.....	
....	2	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	70B
....	1	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	
....	107	22	2	2	....	9	14	14	15	14	7	10	11	11	10	7	11	71
....	143	31	5	2	1	12	12	11	16	20	17	19	16	9	15	15	20	
....	97	21	1	2	....	9	13	12	13	12	6	9	10	11	10	6	10	71A
....	119	28	5	2	1	9	9	9	15	19	15	16	15	5	14	12	17	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
71B. Others under this title..	M	12	1	.....	1	.....	4	.....	.....	.....	2	3	.....	1
	F	27	5	1	.....	.....	3	.....	.....	.....	3	6	.....	9
72. Leukaemia and aleukaemia.....	M	88	13	9	2	2	1	.....	.....	16	25	15	.....	5
	F	65	14	5	1	3	1	.....	1	6	21	5	.....	8
72A. Leukaemia.....	M	65	12	6	2	2	.....	.....	.....	9	19	11	.....	4
	F	50	13	3	.....	2	1	.....	1	4	16	4	.....	6
72B. Aleukaemia (Hodgkin's disease).....	M	23	1	3	.....	.....	1	.....	.....	7	6	4	.....	1
	F	15	1	2	1	1	.....	.....	.....	2	5	1	.....	2
73. Diseases of the spleen...	M	7	1	2	.....	.....	.....	.....	.....	2	2	.....	.....	.....
	F	10	.....	1	.....	.....	.....	.....	.....	4	3	1	.....	1
74. Other diseases of the blood and blood-forming organs.....	M	2	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
	F	5	.....	1	.....	.....	.....	.....	.....	.....	1	1	.....	2
CLASS V.—CHRONIC POISONINGS AND INTOXICATIONS														
Total.....	...	88	1	4	11	10	5	.....	.....	14	22	5	.....	16
	M	74	.....	3	10	10	5	.....	.....	10	19	5	.....	12
	F	14	1	1	1	.....	.....	.....	.....	4	3	.....	.....	4
75. Alcoholism.....	M	55	.....	.....	9	9	4	.....	.....	4	14	3	.....	12
	F	7	.....	.....	1	.....	.....	.....	.....	3	1	.....	.....	2
75A. Delirium tremens.....	M	3	.....	.....	2	.....	.....	.....	.....	1	.....	.....	.....	.....
75B. Other alcoholic intoxications.....	M	52	.....	.....	7	9	4	.....	.....	3	14	3	.....	12
	F	7	.....	.....	1	.....	.....	.....	.....	3	1	.....	.....	2
76. Chronic poisoning, by other organic substances.....	M	10	.....	1	.....	1	1	.....	.....	4	3	.....	.....	.....
	F	3	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	1
76A. Chronic morphinism...	M	5	.....	.....	.....	.....	1	.....	.....	2	2	.....	.....	.....
	F	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
76D. Other organic poisoning	M	5	.....	1	.....	1	.....	.....	.....	2	1	.....	.....	.....
	F	2	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....
77. Chronic poisoning by mineral substances....	M	9	.....	2	1	.....	.....	.....	.....	2	2	2	.....	.....
	F	4	1	1	.....	.....	.....	.....	.....	.....	1	.....	.....	1
77A. Lead (including occupational).....	M	8	.....	2	1	.....	.....	.....	.....	2	2	1	.....	.....
	F	3	1	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
77B. Occupational, except lead.....	M	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
77C. Others under this title.	F	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE														
Total.....	...	1,789	175	45	80	105	130	.....	5	94	298	395	.....	461
	M	911	103	30	45	64	52	.....	2	49	161	253	.....	151
	F	878	72	15	35	41	78	.....	3	45	137	142	.....	310
78. Encephalitis, (non-epidemic).....	M	19	6	1	2	1	.....	.....	.....	3	4	1	.....	1
	F	22	7	.....	1	.....	1	.....	.....	6	6	.....	.....	1
79. Simple meningitis.....	M	25	15	1	1	2	.....	.....	.....	3	3	.....	.....	.....
	F	18	12	2	1	.....	.....	.....	.....	2	1	.....	.....	.....
80. Progressive locomotor ataxia (tabes dorsalis)	M	19	.....	.....	.....	1	2	.....	.....	.....	5	9	.....	2
	F	4	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	1
81. Other diseases of the spinal cord.....	M	45	2	.....	4	2	2	.....	.....	2	12	12	.....	9
	F	43	.....	.....	3	3	3	.....	.....	2	10	7	.....	15
82. Cerebral haemorrhage, cerebral embolism and thrombosis.....	M	390	2	.....	3	16	29	.....	1	12	70	152	.....	104
	F	449	2	3	4	14	50	.....	.....	7	61	88	.....	220
82A. Cerebral haemorrhage..	M	307	1	.....	3	12	21	.....	1	9	57	118	.....	84
	F	351	1	3	4	11	39	.....	.....	5	54	66	.....	168

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1936—Continued

NATIVITY					MONTHS												
			Foreign														
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
....	10	1	1	.....	....	.....	1	2	2	2	1	1	1	.....	.....	1	1	71B
....	24	3	.....	.....	....	3	3	2	1	1	2	3	1	4	1	3	3	
....	68	8	1	11	....	11	7	9	10	6	8	4	3	9	5	8	8	72
....	50	11	1	3	....	3	5	4	6	6	8	4	7	6	4	5	7	
....	52	6	1	6	....	9	5	7	9	5	5	.....	3	6	1	8	7	72A
....	41	6	.....	3	....	3	3	4	6	5	7	4	5	3	1	5	4	
....	16	2	.....	5	....	2	2	2	1	1	3	4	.....	3	4	.....	1	72B
....	9	5	1	.....	....	.....	2	.....	.....	1	1	.....	2	3	3	.....	3	
....	5	2	.....	.....	....	.....	1	.....	.....	1	.....	.....	3	.....	2	.....	.....	73
....	6	2	.....	2	....	1	.....	.....	2	1	.....	1	2	1	.....	1	1	
....	1	1	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	74
....	4	.....	.....	1	....	.....	.....	2	.....	1	1	1	.....	.....	.....	.....	.....	
....	55	18	7	8	....	8	.....	9	14	6	8	6	7	5	13	6	6	
....	44	16	6	8	....	7	.....	7	11	4	7	6	7	5	11	5	4	
....	11	2	1	.....	....	1	.....	2	3	2	1	.....	.....	.....	2	1	2	
....	32	12	3	8	....	6	.....	5	7	4	7	4	5	4	7	3	3	75
....	4	2	1	.....	....	.....	.....	1	.....	2	.....	.....	.....	.....	2	1	1	
....	.....	.....	.....	1	2	1	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	75A
....	32	12	2	6	....	5	.....	5	7	4	7	4	5	4	6	2	3	75B
....	4	2	1	.....	....	.....	.....	1	.....	2	.....	.....	.....	.....	2	1	1	
....	8	.....	2	.....	....	1	.....	2	1	.....	.....	.....	1	1	2	1	1	76
....	3	.....	.....	.....	....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	
....	4	.....	1	.....	....	.....	.....	2	1	.....	.....	.....	.....	.....	2	.....	.....	76A
....	1	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	
....	4	.....	1	.....	....	1	.....	.....	.....	.....	.....	.....	1	1	.....	1	1	76D
....	2	.....	.....	.....	....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	
....	4	4	1	.....	....	.....	.....	.....	3	.....	.....	2	1	.....	2	1	.....	77
....	4	.....	.....	.....	....	.....	.....	1	3	.....	.....	.....	.....	.....	.....	.....	.....	
....	4	3	1	.....	....	.....	.....	.....	3	.....	.....	2	1	.....	1	1	.....	77A
....	3	.....	.....	.....	....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	
....	.....	1	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	77B
....	1	.....	.....	.....	....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	77C
1	1341	316	45	77	10	172	144	179	164	136	125	152	135	123	161	144	154	
1	679	154	22	49	7	91	77	88	88	60	65	79	60	62	88	78	75	
....	662	162	23	28	3	81	67	91	76	76	60	73	75	61	73	66	79	
....	12	4	1	2	....	3	1	1	3	.....	1	1	2	1	3	2	1	78
....	15	6	.....	1	....	1	2	5	1	1	2	1	2	3	2	.....	2	
....	21	2	.....	1	1	1	2	2	3	1	3	1	.....	5	4	2	1	79
....	18	.....	.....	.....	....	4	4	1	1	1	1	1	.....	1	3	1	.....	
....	15	4	.....	.....	....	5	1	2	1	1	3	.....	.....	2	2	2	.....	80
....	4	.....	.....	.....	....	2	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	
....	38	6	1	.....	....	2	3	2	9	3	4	9	2	6	2	1	2	81
....	34	8	1	.....	....	1	3	3	6	5	.....	8	1	2	4	5	5	
1	279	82	11	17	1	46	29	38	33	33	35	22	29	23	33	39	30	82
....	324	98	15	12	....	38	35	47	37	43	29	35	38	34	33	34	46	
1	217	63	10	16	1	34	22	31	22	22	31	19	24	19	30	28	25	82A
....	253	78	12	8	....	33	28	36	24	32	26	28	28	28	24	24	40	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
82B. Cerebral embolism and thrombosis	M	49	1	.....	.....	2	1	.....	.....	2	8	26	.....	9
	F	51	.....	.....	.....	.....	6	.....	.....	2	2	13	.....	28
82C. Softening of the brain	M	4	.....	.....	.....	.....	2	.....	.....	.....	.....	1	.....	1
	F	5	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	3
82D. Hemiplegia and other paralysis, cause not specified	M	30	.....	.....	.....	2	5	.....	.....	1	5	7	.....	10
	F	42	1	.....	.....	3	5	.....	.....	.....	4	8	.....	21
83. General paralysis of the insane	M	56	.....	2	5	6	2	.....	.....	13	19	4	.....	5
	F	24	.....	.....	4	1	.....	.....	1	6	6	1	.....	5
84. Dementia praecox and other psychoses	M	70	.....	3	18	22	3	.....	.....	2	16	4	.....	2
	F	86	2	1	13	17	8	.....	.....	7	16	8	.....	14
84A. Dementia praecox	M	52	.....	3	16	18	3	.....	.....	1	8	2	.....	1
	F	60	.....	1	10	13	7	.....	.....	4	13	6	.....	6
84B. Other phychoses	M	18	.....	.....	2	4	.....	.....	.....	1	8	2	.....	1
	F	26	2	.....	3	4	1	.....	.....	3	3	2	.....	8
85. Epilepsy	M	50	11	10	8	4	4	.....	.....	1	3	7	.....	2
	F	30	5	2	4	1	3	.....	.....	5	5	1	.....	4
86. Convulsions (under 5 years of age)	M	23	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	16	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
87. Other diseases of the nervous system	M	146	9	8	2	8	9	.....	1	6	22	59	.....	22
	F	122	8	1	5	4	7	.....	.....	3	21	30	.....	43
87A. Chorea	M	3	.....	.....	1	.....	.....	.....	.....	.....	1	1	.....	.....
	F	2	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
87B. Neuralgia and neuritis	M	8	.....	.....	.....	.....	1	.....	.....	2	2	3	.....	.....
	F	12	.....	.....	.....	.....	1	.....	.....	1	1	3	.....	6
87C. Paralysis agitans	M	68	.....	.....	.....	3	6	.....	.....	2	13	32	.....	12
	F	48	.....	.....	.....	2	2	.....	.....	1	8	15	.....	20
87D. Sclerosis (other than of the spinal cord)	M	38	.....	.....	.....	2	2	.....	1	1	5	18	.....	9
	F	38	.....	1	2	1	3	.....	.....	1	7	10	.....	13
87E. Others under this title	M	29	9	8	1	3	.....	.....	.....	1	1	5	.....	1
	F	22	7	.....	2	1	1	.....	.....	.....	5	2	.....	4
88. Diseases of the organs of vision	M	7	1	1	.....	.....	.....	.....	.....	.....	2	2	.....	1
	F	9	.....	1	.....	.....	1	.....	.....	.....	1	4	.....	2
89. Diseases of the ear and mastoid process	M	61	34	4	2	2	1	.....	.....	7	5	3	.....	3
	F	55	20	5	.....	1	5	.....	2	6	8	3	.....	5
89A. Otitis	M	30	20	1	1	1	.....	.....	.....	3	1	.....	.....	3
	F	31	12	2	.....	.....	2	.....	2	3	5	3	.....	2
89B. Diseases of the mastoid process	M	30	14	3	1	1	1	.....	.....	4	3	3	.....	.....
	F	24	8	3	.....	1	3	.....	.....	3	3	.....	.....	3
89C. Others under this title	M	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
CLASS VII. DISEASES OF THE CIRCULATORY SYSTEM														
Total	...	11,815	37	53	123	401	1071	.....	7	287	2041	3244	1	4550
	M	6,339	24	27	84	259	496	.....	1	152	1325	2257	1	1713
	F	5,476	13	26	39	142	575	.....	6	135	716	987	.....	2837
90–95. Diseases of the heart	M	4,016	22	22	78	202	257	.....	1	136	1032	1299	.....	967
	F	3,037	11	25	36	98	299	.....	6	108	449	532	.....	1473
90. Pericarditis	M	5	.....	1	1	.....	.....	.....	.....	.....	1	2	.....	.....
	F	2	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1
91. Acute endocarditis	M	36	2	4	8	1	.....	.....	.....	12	5	4	.....	.....
	F	43	3	9	9	.....	.....	.....	.....	11	3	3	.....	5
91A. Endocarditis, specified as acute	M	27	1	3	5	1	.....	.....	.....	8	5	4	.....	.....
	F	33	2	7	4	.....	.....	.....	.....	9	3	3	.....	5
91B. Endocarditis, unspecified, (under 45 years of age)	M	9	1	1	3	.....	.....	.....	.....	4	.....	.....	.....	.....
	F	10	1	2	5	.....	.....	.....	.....	2	.....	.....	.....	.....
92. Chronic endocarditis, valvular diseases	M	542	8	6	14	32	50	.....	.....	23	113	163	.....	133
	F	542	4	11	8	16	45	.....	2	34	86	96	.....	240
92A. Endocarditis, specified as chronic and other valvular diseases	M	433	8	6	14	24	40	.....	.....	23	97	117	.....	104
	F	441	4	11	8	12	35	.....	2	34	71	78	.....	186

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1936—Continued

NATIVITY					MONTHS												
			Foreign														
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
....	35	13	1	.....	....	9	3	2	8	4	4	2	2	3	3	7	2	82B
....	35	11	2	3	....	2	2	6	4	3	1	6	7	5	6	6	3	
....	4	.....	.....	.....	....	.....	.....	1	2	1	.....	.....	.....	.....	.....	.....	.....	82C
....	3	1	1	.....	....	.....	1	1	.....	1	1	.....	1	.....	.....	.....	.....	
....	23	6	.....	1	....	3	4	4	1	6	.....	1	3	1	.....	4	3	82D
....	33	8	.....	1	....	3	4	4	9	7	1	1	2	1	3	4	3	
....	34	7	1	14	....	6	6	5	4	4	4	10	1	5	5	2	4	83
....	17	3	1	3	....	3	.....	2	.....	3	.....	2	2	1	3	1	7	
....	38	18	2	7	5	1	7	6	5	4	2	5	6	7	12	6	9	84
....	69	6	4	5	2	9	1	7	11	1	7	5	10	10	10	9	6	
....	26	15	1	6	4	.....	4	6	4	4	1	2	5	6	8	5	7	84A
....	46	4	4	4	2	6	1	4	9	.....	6	1	6	7	9	8	3	
....	12	3	1	1	1	1	3	.....	1	.....	1	3	1	1	4	1	2	84B
....	23	2	.....	1	....	3	.....	3	2	1	1	4	4	3	1	1	3	
....	43	5	1	1	....	2	7	6	7	2	1	7	6	1	3	5	3	85
....	26	1	.....	3	....	4	4	1	4	6	2	2	1	1	3	2	.....	
....	23	.....	.....	.....	....	1	3	6	3	.....	.....	.....	.....	2	4	2	2	86
....	16	.....	.....	.....	....	1	1	1	2	2	1	2	1	1	3	.....	1	
....	119	22	1	4	....	14	13	11	13	10	8	18	10	7	13	11	18	87
....	88	30	.....	3	1	10	9	14	8	6	13	14	14	6	8	10	10	
....	2	1	.....	.....	....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	1	.....	87A
....	2	.....	.....	.....	....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	
....	6	2	.....	.....	....	2	1	.....	.....	.....	2	1	1	.....	.....	.....	1	87B
....	9	3	.....	.....	....	.....	3	.....	.....	.....	2	1	1	1	2	.....	2	
....	55	12	.....	1	....	6	8	7	7	2	3	7	5	2	7	5	9	87C
....	32	13	.....	3	....	3	6	8	2	2	3	6	4	2	2	7	3	
....	29	6	.....	3	....	3	3	2	4	6	2	7	.....	3	1	4	3	87D
....	27	11	.....	.....	....	3	.....	3	4	2	6	6	4	2	2	2	4	
....	27	1	1	.....	....	3	1	2	1	2	1	3	3	2	5	1	5	87E
....	18	3	.....	.....	1	4	.....	1	2	2	2	1	5	1	2	1	1	
....	6	.....	1	.....	....	3	.....	.....	1	.....	1	.....	1	.....	.....	1	.....	88
....	7	1	1	.....	....	2	.....	2	.....	2	1	.....	1	.....	1	.....	.....	
....	51	4	3	3	....	7	5	9	6	2	3	6	3	3	7	5	5	89
....	44	9	1	1	....	6	8	7	5	6	4	3	5	2	3	4	2	
....	25	2	2	1	....	4	2	4	4	2	1	3	1	1	3	3	2	89A
....	26	4	.....	1	....	3	3	4	4	2	3	1	2	2	2	4	1	
....	25	2	1	2	....	3	3	5	2	.....	2	3	2	2	3	2	3	89B
....	18	5	1	.....	....	3	5	3	1	4	1	2	3	.....	1	.....	1	
....	1	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	89C
....	8406	2473	339	553	44	1082	1039	1101	1061	1051	992	961	799	791	881	978	1079	
....	4418	1351	175	363	32	577	580	594	546	537	538	525	457	418	453	537	577	
....	3988	1122	164	190	12	505	459	507	515	514	454	436	342	373	428	441	502	
....	2731	874	120	272	19	358	382	364	331	335	331	310	301	262	298	341	403	90–95
....	2181	627	98	123	8	276	257	296	288	286	241	226	182	212	248	247	278	
....	4	1	.....	.....	....	.....	1	1	.....	.....	.....	1	.....	.....	.....	1	1	90
....	2	.....	.....	.....	....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	
....	28	3	3	2	....	2	5	2	3	3	4	3	4	3	4	1	2	91
....	28	10	2	2	1	5	2	3	5	1	4	8	3	2	.....	5	5	
....	21	3	3	.....	....	1	5	2	3	.....	2	3	2	3	3	1	2	91A
....	21	8	2	1	1	5	2	3	4	1	3	4	2	2	.....	3	4	
....	7	.....	.....	2	....	1	.....	.....	.....	3	2	.....	2	.....	1	.....	.....	91B
....	7	2	.....	1	....	.....	.....	.....	1	.....	1	4	1	.....	.....	2	1	
....	410	96	9	25	2	50	57	57	49	37	45	43	40	29	34	47	54	92
....	409	99	13	20	1	57	51	63	54	51	38	36	25	43	43	41	40	
....	328	73	8	22	2	39	47	48	44	25	35	36	29	20	29	41	40	92A
....	332	81	9	19	....	45	47	55	49	41	30	29	21	29	35	32	28	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
92B. Endocarditis, unspecified (45 years and over)	M	109				8	10				16	46		29
	F	101				4	10				15	18		54
93. Diseases of the myocardium	M	1,126	8	5	21	60	94			25	161	381		371
	F	1,189	3	5	9	31	140		1	23	123	199		655
93A. Acute myocarditis	M	56	1	1	4	5	5			1	9	16		14
	F	51	2	3	1		4		1	2	7	7		24
93B. Myocarditis, unspecified (under 45 years of age)	M	24	5		8					11				
	F	15	1	1	3					10				
93C. Chronic myocarditis and myocardial degeneration	M	654	2	4	9	39	48			13	87	226		226
	F	718		1	5	18	83			11	75	127		398
93D. Myocarditis, unspecified (45 years and over)	M	392				16	41				65	139		131
	F	405				13	53				41	65		233
94. Diseases of the coronary arteries and angina pectoris	M	2,055			26	95	100		1	66	701	678		388
	F	1,049			4	45	91		2	26	214	203		464
94A. Diseases of the coronary arteries	M	102			3	6	6			7	27	32		21
	F	61			1	2	6		1	3	9	14		25
94B. Embolism and thrombosis of the coronary arteries	M	1,612			22	82	76		1	50	550	518		313
	F	844			2	39	73		1	21	168	157		383
94C. Angina pectoris	M	341			1	7	18			9	124	128		54
	F	144			1	4	12			21	37	32		56
95. Other diseases of the heart	M	252	4	6	8	14	13			10	51	71		75
	F	212	1		5	6	23		1	14	23	31		108
95A. Functional diseases of the heart	M	40	1			1	4			1	10	14		9
	F	49			3		5			1	4	7		29
95B. Other and unspecified	M	212	3	6	8	13	9			9	41	57		66
	F	163	1		2	6	18		1	13	19	24		79
96. Aneurysm (except of the heart)	M	50			1	4	3			3	18	16		5
	F	25	1			1	3			1	6	4		9
97. Arteriosclerosis (of coronary arteries excepted)	M	1941			3	40	212			4	196	838	1	647
	F	1903				32	233			6	139	354		1139
98. Gangrene	M	43				1	4				1	16		21
	F	34				1	4				2	7		20
99. Other diseases of the arteries	M	23		1	1	2	3				4	7		5
	F	19				1	1			1	7	2		7
100. Diseases of the veins (varices, haemorrhoids, phlebitis, etc.)	M	24	1	1		1	2			1	7	6		5
	F	28					3			3	6	6		10
101. Diseases of the lymphatic system (lymphangitis, etc.)	M	5	1	3						1				
	F	6	1		1		1			1		1		1
102. Idiopathic abnormalities of blood pressure	M	236			1	9	15			7	66	75		63
	F	424		1	2	9	31			15	107	81		178
103. Other diseases of the circulatory system	M	1									1			
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM														
Total	...	3049	674	87	81	112	165		9	185	385	523		828
	M	1625	381	57	44	76	81		3	103	239	332		309
	F	1424	293	30	37	36	84		6	82	146	191		519
104. Diseases of the nasal fossae and annexa	M	31	15	3	1					4	4	2		2
	F	18	5	3	1					6		1		2
105. Diseases of the larnyx	M	13	7	1	1	1	1					1		1
	F	11	7							1	1	1		1

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1936—Continued

	NATIVITY					MONTHS												
			Foreign															
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec	
....	82	23	1	3	..	11	10	9	5	12	10	7	11	9	5	6	14	92B
....	77	18	4	1	1	12	4	8	5	10	8	7	4	14	8	9	12	
....	762	262	20	74	8	112	106	101	108	108	96	96	66	66	65	103	98	93
....	844	259	36	47	3	112	93	107	120	119	92	85	64	76	102	104	115	
....	38	12	4	2	....	7	2	3	4	5	5	6	5	5	4	4	6	93A
....	38	10	.....	3	....	3	2	6	9	7	3	5	5	2	5	2	2	
....	20	2	1	1	....	2	3	4	3	2	.....	1	2	3	1	1	2	93B
....	11	2	.....	2	....	1	1	3	2	.....	1	.....	2	.....	1	2	2	
....	443	156	4	44	7	66	63	61	62	65	62	64	31	39	37	52	52	93C
....	497	172	19	28	2	70	64	68	77	69	52	54	35	48	57	63	61	
....	261	92	11	27	1	37	38	33	39	36	29	25	28	19	24	46	38	93D
....	298	75	17	14	1	38	26	30	32	43	36	26	22	26	39	37	50	
....	1344	463	84	156	8	167	187	175	152	169	165	145	175	145	176	171	228	94
....	746	219	37	45	2	74	98	101	86	101	87	81	78	74	88	79	102	
....	64	24	4	10	....	6	13	10	13	7	6	5	9	7	8	8	10	94A
....	38	19	1	3	....	4	6	7	6	6	3	7	2	1	6	5	8	
....	1029	367	71	137	8	135	138	140	110	135	136	113	133	106	140	147	179	94B
....	592	179	32	39	2	54	78	84	64	87	68	64	59	65	68	68	85	
....	251	72	9	9	....	26	36	25	29	27	23	27	33	32	28	16	39	94C
....	116	21	4	3	....	16	14	10	16	8	16	10	17	8	14	6	9	
....	183	49	4	15	1	27	26	28	19	18	21	22	16	19	18	18	20	95
....	152	40	10	9	1	27	13	22	23	14	20	16	12	17	14	18	16	
....	32	7	.....	1	....	4	4	4	2	2	3	3	5	3	4	3	3	95A
....	33	9	4	3	....	8	5	4	5	2	5	5	2	4	3	4	2	
....	151	42	4	14	1	23	22	24	17	16	18	19	11	16	14	15	17	95B
....	119	31	6	6	1	19	8	18	18	12	15	11	10	13	11	14	14	
....	27	19	3	1	....	5	2	9	7	5	3	2	2	3	1	9	2	96
....	21	3	1	.....	....	5	1	1	1	4	.....	2	3	.....	3	3	2	
....	1449	370	41	70	11	184	159	194	173	174	177	188	126	132	126	154	154	97
....	1423	380	51	46	3	185	155	167	186	176	169	165	125	118	138	140	179	
....	31	10	1	1	....	5	3	4	5	3	1	5	8	2	2	4	1	98
....	29	4	1	.....	....	7	5	.....	3	3	6	4	.....	1	4	1	.....	
....	14	6	.....	2	1	2	6	.....	4	.....	4	2	1	2	1	1	.....	99
....	13	6	.....	.....	.....	.....	3	4	.....	.....	2	3	1	2	.....	2	2	
....	17	5	.....	2	....	.....	1	.....	5	.....	2	3	4	2	2	4	1	100
....	19	8	.....	1	....	1	2	3	2	2	1	4	1	2	2	3	5	
....	4	1	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	1	1	.....	1	101
....	6	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	1	1	1	.....	1	
....	144	66	10	15	1	22	27	23	21	19	20	14	15	14	22	24	15	102
....	296	94	13	20	1	30	36	35	35	43	35	32	29	37	32	45	35	
....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	103
....	2317	516	70	135	11	327	343	343	302	289	222	175	130	126	220	251	321	
....	1197	301	31	90	6	166	170	175	170	173	110	100	68	73	137	127	156	
....	1120	215	39	45	5	161	173	168	132	116	112	75	62	53	83	124	165	
....	27	2	1	1	....	1	3	4	2	1	2	4	2	2	1	4	5	104
....	12	5	.....	1	....	1	2	1	3	2	1	2	1	1	.....	3	1	
....	12	.....	.....	1	....	2	.....	4	1	1	.....	2	1	2	.....	.....	.....	105
....	9	2	.....	.....	.....	1	3	.....	.....	.....	3	.....	.....	.....	.....	3	1	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
105A. Croup	M	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
105B. Other diseases of the larynx	M	12	6	1	1	1	1	.....	.....	.....	.....	1	.....	1
	F	8	4	.....	.....	.....	.....	.....	.....	1	1	1	.....	1
106. Bronchitis	M	44	12	.....	1	2	.....	.....	.....	2	4	12	.....	11
	F	49	8	2	.....	1	4	.....	.....	3	3	6	.....	22
106A. Acute	M	14	10	.....	.....	1	.....	.....	.....	.....	.....	1	.....	2
	F	16	8	.....	.....	.....	1	.....	.....	.....	.....	2	.....	5
106B. Chronic	M	19	1	.....	.....	1	.....	.....	.....	2	3	6	.....	6
	F	20	.....	2	.....	1	.....	.....	.....	3	3	4	.....	7
106C. Unspecified	M	11	.....	1	.....	1	.....	.....	.....	.....	1	5	.....	3
	F	13	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	10
107. Bronchopneumonia	M	647	207	12	10	21	34	.....	1	17	65	142	.....	138
	F	613	175	3	15	13	49	.....	.....	13	38	74	.....	233
107A. Bronchopneumonia	M	645	206	12	10	21	34	.....	1	17	65	141	.....	138
	F	613	175	3	15	13	49	.....	.....	13	38	74	.....	233
107B. Capillary bronchitis	M	2	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
108. Lobar pneumonia	M	552	73	28	21	31	29	.....	1	63	103	107	.....	96
	F	418	48	13	10	16	18	.....	4	47	67	63	.....	132
109. Pneumonia, unspecified	M	159	47	5	4	9	9	.....	.....	5	21	24	.....	35
	F	131	38	3	2	2	9	.....	1	2	9	15	.....	50
110. Pleurisy	M	37	12	5	1	3	1	.....	1	3	7	2	.....	2
	F	30	9	2	1	.....	.....	.....	1	1	4	5	.....	7
111. Congestion and haemorrhagic infarct of the lung, etc	M	22	1	.....	3	.....	1	.....	.....	.....	.....	10	.....	7
	F	44	1	.....	1	.....	2	.....	.....	1	4	7	.....	28
111A. Pulmonary embolism and thrombosis	M	2	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1
	F	4	.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....	1
111B. Others under this title	M	20	1	.....	2	.....	1	.....	.....	.....	.....	10	.....	6
	F	40	1	.....	1	.....	2	.....	.....	1	2	6	.....	27
112. Asthma	M	84	1	1	1	7	6	.....	.....	2	27	26	.....	13
	F	96	1	3	5	4	2	.....	.....	6	17	18	.....	40
113. Pulmonary emphysema	M	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1
	F	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
114. Other diseases of the respiratory system (tuberculosis excepted)	M	34	6	2	1	2	.....	.....	.....	7	7	6	.....	3
	F	13	1	1	2	.....	.....	.....	.....	2	3	1	.....	3
114A. Chronic interstitial pneumonia including occupational diseases of the respiratory system	M	7	.....	.....	.....	1	.....	.....	.....	1	1	3	.....	1
	F	3	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	1
114C. Others under this title	M	27	6	2	1	1	.....	.....	.....	6	6	3	.....	2
	F	10	1	1	2	.....	.....	.....	.....	2	1	1	.....	2
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM														
Total	...	2447	609	103	80	75	74	.....	27	252	450	356	.....	421
	M	1340	332	64	51	44	38	.....	9	148	261	237	.....	156
	F	1107	277	39	29	31	36	.....	18	104	189	119	.....	265
115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils (including adenoid vegetations)	M	121	36	5	8	2	5	.....	1	19	22	14	.....	9
	F	97	24	9	4	6	3	.....	3	12	15	10	.....	11
115A. Diseases of the buccal cavity and annexa	M	47	6	.....	4	.....	4	.....	.....	4	13	9	.....	7
	F	20	5	.....	1	1	1	.....	1	1	3	5	.....	2
115B. Diseases of the tonsils	M	32	13	3	3	2	.....	.....	.....	5	5	1	.....	.....
	F	37	5	7	1	4	1	.....	.....	9	6	3	.....	1
115C. Others under this title	M	42	17	2	1	.....	1	.....	1	10	4	4	.....	2
	F	40	14	2	2	1	1	.....	2	2	6	2	.....	8
116. Diseases of the oesophagus	M	5	1	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	2
	F	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
117. Ulcer of the stomach or duodenum	M	200	1	3	12	14	7	.....	1	37	58	44	.....	23
	F	74	.....	.....	2	4	4	.....	1	9	25	8	.....	21
117A. Ulcer of the stomach	M	113	.....	2	8	6	1	.....	.....	21	26	32	.....	17
	F	40	.....	.....	1	2	3	.....	1	4	8	4	.....	17

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1936—Continued

NATIVITY					MONTHS												
			Foreign														
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
....	1	.....	.....	.....	....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	105A
....	3	.....	.....	.....	....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	
....	11	.....	.....	1	....	2	.....	3	1	1	.....	2	1	2	.....	.....	.....	105B
....	6	2	.....	.....	....	.....	2	.....	.....	.....	3	.....	.....	.....	.....	3	.....	
....	30	12	.....	2	....	2	3	5	1	10	3	2	2	2	6	4	4	106
....	41	5	.....	2	1	6	7	7	4	4	4	3	3	.....	3	4	4	
....	13	1	.....	.....	....	.....	1	4	1	2	2	.....	.....	.....	.....	1	3	106A
....	14	1	.....	1	....	1	4	3	1	.....	2	2	.....	.....	1	1	1	
....	9	8	.....	2	....	1	2	1	.....	5	1	2	2	2	2	1	.....	106B
....	17	2	.....	1	....	3	1	2	2	4	1	.....	3	.....	1	2	1	
....	8	3	.....	.....	....	1	.....	.....	.....	3	.....	.....	.....	.....	4	2	1	106C
....	10	2	.....	.....	1	2	2	2	1	.....	1	1	.....	.....	1	1	2	
....	493	117	10	24	3	75	78	61	61	74	41	45	21	26	61	48	56	107
....	472	103	19	15	4	69	68	65	53	51	44	34	22	26	40	58	83	
....	491	117	10	24	3	74	78	61	61	74	41	45	21	26	61	48	55	107A
....	472	103	19	15	4	69	68	65	53	51	44	34	22	26	40	58	83	
....	2	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	107B
....	400	107	11	32	2	58	49	60	72	59	37	23	18	22	42	49	63	108
....	335	59	11	13	....	48	56	55	43	38	31	19	14	11	20	31	52	
....	127	22	3	6	1	17	20	26	14	10	13	12	9	9	11	8	10	109
....	115	10	3	3	....	17	18	19	16	10	6	2	5	4	11	12	11	
....	27	6	1	3	....	4	3	5	3	4	4	.....	2	5	2	2	3	110
....	26	3	.....	1	....	3	3	5	4	1	4	4	3	1	.....	1	1	
....	15	6	.....	1	....	1	3	.....	2	1	3	1	4	.....	4	1	2	111
....	31	9	1	3	....	4	6	4	3	3	4	3	5	1	2	3	6	
....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	111A
....	2	1	.....	1	....	1	.....	.....	1	.....	.....	1	1	.....	.....	.....	.....	
....	13	6	.....	1	....	1	3	.....	2	1	3	1	3	.....	3	1	2	111B
....	29	8	1	2	....	3	6	4	2	3	4	2	4	1	2	3	6	
....	47	22	3	12	....	4	8	7	12	8	3	7	5	3	4	10	13	112
....	68	17	5	6	....	9	9	10	5	6	14	8	8	8	6	7	6	
....	1	.....	.....	1	....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	113
....	.....	.....	.....	1	....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	
....	18	7	2	7	....	2	2	3	2	4	4	4	4	2	6	1	.....	114
....	11	2	.....	.....	....	3	1	1	1	1	1	.....	1	1	1	2	.....	
....	2	2	1	2	....	1	.....	1	.....	2	1	2	.....	.....	.....	.....	.....	114A
....	2	1	.....	.....	....	1	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	
....	16	5	1	5	....	1	2	2	2	2	3	2	4	2	6	1	.....	114C
....	9	1	.....	.....	....	2	.....	1	.....	1	1	.....	1	1	1	2	.....	
....	1873	385	58	129	2	214	175	199	211	202	180	203	178	246	242	227	170	
....	1008	205	31	94	2	113	99	113	118	100	88	119	102	138	132	124	94	
....	865	180	27	35	....	101	76	86	93	102	92	84	76	108	110	103	76	
....	96	12	3	10	....	20	7	8	8	7	3	16	10	11	8	13	10	115
....	84	10	.....	3	....	13	6	7	11	13	10	7	4	5	4	10	7	
....	35	6	2	4	....	9	2	1	4	3	1	6	6	3	3	5	4	115A
....	18	1	.....	1	....	4	.....	1	.....	3	2	2	1	1	1	4	1	
....	24	4	.....	4	....	5	1	4	2	1	.....	6	3	5	.....	3	2	115B
....	31	4	.....	2	....	5	1	2	5	8	2	3	1	3	.....	3	4	
....	37	2	1	2	....	6	4	3	2	3	2	4	1	3	5	5	4	115C
....	35	5	.....	.....	....	4	5	4	6	2	6	2	2	1	3	3	2	
....	4	.....	.....	1	....	.....	.....	.....	1	.....	1	.....	1	1	.....	.....	1	116
....	1	1	.....	.....	....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	
....	121	52	3	23	1	14	18	23	15	13	19	15	12	14	11	26	20	117
....	54	12	6	2	....	10	5	3	8	6	6	9	5	4	5	9	4	
....	68	28	1	16	....	9	12	12	11	8	11	8	7	6	5	16	8	117A
....	34	2	3	1	....	6	2	3	5	2	4	4	4	1	1	6	2	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
				Single					Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
117B. Ulcer of the duodenum	M	87	1	1	4	8	6	.....	1	16	32	12	.....	6
	F	34	.....	.....	1	2	1	.....	.....	5	17	4	.....	4
118. Other diseases of the stomach	M	37	12	2	.....	1	1	.....	.....	3	2	7	.....	9
	F	27	9	.....	.....	1	2	.....	.....	.....	5	3	.....	7
119. Diarrhoea and enteritis (under 2 years of age)	M	187	187	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	175	175	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
120. Diarrhoea and enteritis (2 years and over)	M	81	13	8	6	3	2	.....	2	12	9	17	.....	9
	F	81	4	6	7	2	3	.....	1	8	12	7	.....	31
120A. Diarrhoea and enteritis	M	45	13	3	1	2	1	.....	1	2	3	13	.....	6
	F	55	3	.....	1	2	2	.....	.....	4	8	6	.....	29
120B. Ulceration of the intestines	M	36	.....	5	5	1	1	.....	1	10	6	4	.....	3
	F	26	1	6	6	.....	1	.....	1	4	4	1	.....	2
121. Appendicitis	M	243	54	38	9	7	.....	.....	5	46	49	23	.....	12
	F	140	44	16	9	1	2	.....	8	24	17	5	.....	14
122. Hernia, intestinal obstruction	M	220	21	2	7	10	9	.....	.....	15	46	65	.....	45
	F	171	10	2	2	6	9	.....	3	9	40	28	.....	62
122A. Hernia	M	111	5	.....	4	5	7	.....	.....	4	23	32	.....	31
	F	57	.....	.....	.....	1	2	.....	.....	4	16	11	.....	23
122B. Intestinal obstruction	M	109	16	2	3	5	2	.....	.....	11	23	33	.....	14
	F	114	10	2	2	5	7	.....	3	5	24	17	.....	39
123. Other diseases of the intestines	M	34	5	2	1	1	1	.....	.....	5	10	3	.....	6
	F	25	1	.....	.....	2	2	.....	.....	1	3	4	.....	12
124. Cirrhosis of the liver	M	84	.....	1	3	4	9	.....	.....	4	24	19	.....	20
	F	35	.....	.....	.....	2	1	.....	.....	2	12	3	.....	15
124A. Specified as alcoholic	M	7	.....	.....	1	1	.....	.....	.....	.....	4	1	.....	.....
124B. Not specified as alcoholic	M	77	.....	1	2	3	9	.....	.....	4	20	18	.....	20
	F	35	.....	.....	.....	2	1	.....	.....	2	12	3	.....	15
125. Other diseases of the liver	M	22	.....	.....	3	.....	.....	.....	.....	3	8	4	.....	4
	F	30	3	3	.....	2	1	.....	1	3	5	3	.....	9
125A. Yellow atrophy of the liver	M	5	.....	.....	1	.....	.....	.....	.....	1	2	.....	.....	1
	F	8	1	2	.....	.....	.....	.....	.....	3	2	.....	.....	.....
125B. Others under this title	M	17	.....	.....	2	.....	.....	.....	.....	2	6	4	.....	3
	F	22	2	1	.....	2	1	.....	1	.....	3	3	.....	9
126. Biliary calculi	M	35	.....	.....	.....	1	1	.....	.....	1	11	15	.....	6
	F	113	.....	.....	2	1	3	.....	.....	14	30	21	.....	42
127. Other diseases of the gall-bladder and biliary passages	M	57	.....	2	1	1	3	.....	.....	2	17	21	.....	10
	F	109	.....	.....	1	4	6	.....	.....	15	21	24	.....	38
128. Diseases of the pancreas	M	6	.....	1	1	.....	.....	.....	.....	.....	1	2	.....	1
	F	7	.....	2	.....	.....	.....	.....	.....	1	2	2	.....	...
129. Peritonitis, cause not specified	M	8	2	.....	.....	.....	.....	.....	.....	1	4	1	.....	.....
	F	21	6	1	2	.....	.....	.....	1	6	2	1	.....	2
CLASS X.—DISEASES OF THE GENITO-URINARY SYSTEM														
Total	...	2716	47	32	61	67	215	1	11	138	439	794	.....	911
	M	1612	22	15	39	45	134	1	2	44	255	604	.....	451
	F	1104	25	17	22	22	81	.....	9	94	184	190	.....	460
130. Acute nephritis (including unspecified, under 10 years of age)	M	40	10	1	5	.....	.....	.....	.....	7	9	5	.....	3
	F	30	10	5	3	.....	1	.....	.....	4	2	1	.....	4
131. Chronic nephritis	M	692	6	9	23	22	61	.....	1	22	131	232	.....	185
	F	675	8	8	8	14	65	.....	6	41	104	123	.....	298
132. Nephritis, unspecified (10 years and over)	M	235	.....	4	2	10	20	.....	.....	7	49	81	.....	62
	F	220	.....	2	2	6	13	.....	1	11	37	43	.....	105
133. Other diseases of the kidneys and ureters	M	67	3	1	5	1	4	.....	.....	4	16	20	.....	13
	F	68	6	1	3	2	.....	.....	.....	8	13	11	.....	24
134. Calculi of the urinary passages	M	38	1	.....	1	2	.....	.....	1	2	14	7	.....	10
	F	11	.....	.....	2	.....	.....	.....	.....	1	3	.....	.....	5

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1936—Continued

NATIVITY					MONTHS												
			Foreign														
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
....	53	24	2	7	1	5	6	11	4	5	8	7	5	8	6	10	12	117B
....	20	10	3	1	....	4	3	.....	3	4	2	5	1	3	4	3	2	
....	33	1	1	2	....	2	4	4	3	4	2	4	1	3	6	2	2	118
....	19	5	3	.....	....	2	2	3	1	3	2	1	1	1	4	4	3	
....	187	.....	.....	.....	....	8	4	13	15	11	5	19	12	40	40	10	10	119
....	174	1	.....	.....	....	7	13	17	5	8	10	8	12	32	35	20	8	
....	63	11	2	4	1	6	2	6	7	5	7	11	4	16	5	8	4	120
....	61	11	2	7	....	7	3	6	8	9	3	5	7	16	8	6	3	
....	37	6	1	.....	1	3	1	3	4	4	4	3	4	11	4	2	2	120A
....	41	8	2	4	....	7	3	2	6	4	3	3	4	10	7	4	2	
....	26	5	1	4	....	3	1	3	3	1	3	8	.....	5	1	6	2	120B
....	20	3	.....	3	....	.....	.....	4	2	5	.....	2	3	6	1	2	1	
....	196	29	2	16	....	25	18	22	25	17	17	23	14	21	22	22	17	121
....	117	18	1	4	....	16	10	9	13	6	12	12	15	10	16	9	12	
....	142	54	10	14	....	17	21	16	26	21	14	17	23	15	18	17	15	122
....	112	47	5	7	....	18	13	16	12	19	18	11	9	17	13	17	8	
....	67	32	5	7	....	9	9	9	12	11	8	10	11	6	9	8	9	122A
....	27	24	2	4	....	5	3	9	6	5	4	7	3	3	4	5	3	
....	75	22	5	7	....	8	12	7	14	10	6	7	12	9	9	9	6	122B
....	85	23	3	3	....	13	10	7	6	14	14	4	6	14	9	12	5	
....	28	2	1	3	....	3	2	1	3	5	2	1	6	2	2	2	5	123
....	18	6	.....	1	....	.....	1	1	.....	2	5	2	3	4	1	2	4	
....	51	17	5	11	....	6	9	9	3	9	7	7	5	4	9	12	4	124
....	22	10	2	1	....	5	.....	1	2	3	7	3	1	2	1	4	6	
....	5	1	.....	1	....	.....	.....	.....	.....	.....	.....	1	.....	2	3	.....	1	124A
....	46	16	5	10	....	6	9	9	3	9	7	6	5	2	6	12	3	124B
....	22	10	2	1	....	5	.....	1	2	3	7	3	1	2	1	4	6	
....	14	2	1	5	....	2	1	2	1	2	2	3	4	1	.....	4	.....	125
....	27	2	1	.....	....	4	4	2	1	5	2	6	2	2	1	1	.....	
....	5	.....	.....	.....	....	.....	.....	.....	1	1	.....	1	1	.....	.....	1	.....	125A
....	7	1	.....	.....	....	3	2	.....	1	.....	1	1	.....	.....	.....	.....	.....	
....	9	2	1	5	....	2	1	2	.....	1	2	2	3	1	.....	3	.....	125B
....	20	1	1	.....	....	1	2	2	.....	5	1	5	2	2	1	1	.....	
....	20	11	2	2	....	2	6	2	3	1	4	2	5	2	3	3	2	126
....	75	25	4	9	....	7	7	9	12	11	9	11	9	6	11	12	9	
....	43	13	.....	1	....	5	6	5	6	5	3	1	4	7	8	4	3	127
....	77	28	3	1	....	7	9	11	18	11	5	6	6	9	10	8	9	
....	4	.....	1	1	....	.....	1	2	.....	.....	1	.....	1	.....	.....	1	.....	128
....	6	1	.....	.....	....	1	2	.....	.....	1	.....	2	.....	.....	.....	1	.....	
....	6	1	.....	1	....	3	.....	.....	2	.....	1	.....	.....	1	.....	.....	1	129
....	18	3	.....	.....	....	3	1	1	2	4	3	1	2	.....	1	.....	3	
....	1968	522	86	130	10	264	235	257	255	245	229	232	176	162	199	240	252	
....	1159	315	51	78	9	156	133	146	140	151	134	147	99	99	121	135	151	
....	809	207	35	52	1	108	102	111	85	94	95	85	77	63	78	105	101	
....	36	1	1	2	....	4	2	5	3	7	1	3	3	3	4	1	4	130
....	27	2	.....	1	....	4	.....	5	.....	3	2	4	4	.....	2	3	3	
....	504	130	28	26	4	75	78	63	61	58	50	57	42	42	44	56	66	131
....	507	124	17	26	1	66	76	70	60	52	56	43	48	35	45	64	60	
....	168	38	11	17	1	20	10	17	25	23	23	24	18	15	15	23	22	132
....	150	47	11	12	....	20	10	18	12	20	12	24	11	17	24	24	28	
....	43	15	.....	8	1	8	4	5	3	8	10	7	4	4	5	5	4	133
....	47	16	1	4	....	7	5	9	5	5	8	8	3	4	1	7	6	
....	23	11	2	2	....	3	3	4	3	2	4	.....	5	2	2	6	4	134
....	5	2	2	2	....	.....	2	1	1	2	2	.....	1	.....	.....	2	.....	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
135. Diseases of the bladder (tumours excepted)....	M	38	.....	.....	2	.....	3	.....	.....	.....	1	17	.....	15
	F	30	.....	.....	1	.....	2	.....	.....	.....	5	9	.....	13
136. Diseases of the urethra, urinary abscess, etc....	M	25	1	.....	.....	3	2	.....	.....	1	8	6	.....	4
	F	4	.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....	1
136A. Stricture of the urethra	M	20	1	.....	.....	2	2	.....	.....	1	7	3	.....	4
136B. Others under this title	M	5	.....	.....	.....	1	.....	.....	.....	.....	1	3	.....	.....
	F	4	.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....	1
137. Diseases of the prostate	M	473	.....	.....	.....	7	44	1	.....	1	27	235	.....	158
138. Diseases of the male genital organs (not specified as venereal)..	M	4	1	.....	1	.....	.....	.....	.....	.....	.....	1	.....	1
139. Diseases of the female genital organs (not specified as venereal)..	F	66	1	1	3	.....	.....	.....	2	29	18	2	.....	10
139A. Of the ovary, Fallopian tube and parametrium	F	37	.....	.....	2	.....	.....	.....	2	21	6	1	.....	5
139B. Of the uterus.....	F	28	1	1	1	.....	.....	.....	.....	7	12	1	.....	5
139C. Of the breast.....	F	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
CLASS XI.—DISEASES OF PREGNANCY, CHILDBIRTH AND THE PUERPERAL STATE														
Total.....	...	355	.....	15	3	.....	.....	.....	73	258	3	.....	.....	3
140. Abortion with septic conditions.....	F	29	.....	3	1	.....	.....	.....	5	20	.....	.....	.....	.....
140A. Abortion.....	F	21	.....	1	.....	.....	.....	.....	4	16	.....	.....	.....	.....
140B. Self-induced abortion..	F	8	.....	2	1	.....	.....	.....	1	4	.....	.....	.....	.....
141. Abortion without mention of septic conditions (haemorrhage included)	F	20	.....	1	1	.....	.....	.....	4	14	.....	.....	.....	.....
141A. Abortion.....	F	15	.....	.....	1	.....	.....	.....	4	10	.....	.....	.....	.....
141B. Self-induced abortion..	F	5	.....	1	.....	.....	.....	.....	.....	4	.....	.....	.....	.....
142. Ectopic gestation.....	F	16	.....	.....	.....	.....	.....	.....	.....	15	.....	.....	.....	1
142A. With septic conditions.	F	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
142B. Without mention of septic conditions.....	F	15	.....	.....	.....	.....	.....	.....	.....	14	.....	.....	.....	1
143. Other accidents of pregnancy (haemorrhage excluded).....	F	2	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
144. Puerperal haemorrhage.	F	34	.....	.....	.....	.....	.....	.....	.....	32	2	.....	.....	.....
144A. Placenta praevia.....	F	18	.....	.....	.....	.....	.....	.....	.....	18	.....	.....	.....	.....
144B. Other haemorrhages...	F	16	.....	.....	.....	.....	.....	.....	.....	14	2	.....	.....	.....
145. Puerperal septicaemia (not specified as due to abortion).....	F	85	.....	6	.....	.....	.....	.....	25	53	.....	.....	.....	1
145A. Puerperal septicaemia and pyaemia.....	F	85	.....	6	.....	.....	.....	.....	25	53	.....	.....	.....	1
146. Puerperal albuminuria and eclampsia.....	F	64	.....	2	.....	.....	.....	.....	13	49	.....	.....	.....	.....
147. Other toxaemias of pregnancy.....	F	21	.....	.....	.....	.....	.....	.....	4	17	.....	.....	.....	.....
148. Puerperal phlegmasia alba dolens, embolism or sudden death (not specified as septic)....	F	28	.....	1	.....	.....	.....	.....	6	20	.....	.....	.....	1
148A. Phlegmasia alba dolens and thrombosis.....	F	8	.....	.....	.....	.....	.....	.....	1	6	.....	.....	.....	1
148B. Embolism.....	F	18	.....	1	.....	.....	.....	.....	5	12	.....	.....	.....	.....
148C. Sudden death.....	F	2	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
149. Other accidents of childbirth.....	F	50	.....	2	1	.....	.....	.....	15	31	1	.....	.....	.....
149A. Caesarean operation...	F	16	.....	.....	.....	.....	.....	.....	5	11	.....	.....	.....	.....
149B. Other surgical operations and instrumental delivery.....	F	2	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....
149C. Dystocia.....	F	19	.....	1	1	.....	.....	.....	8	9	.....	.....	.....	.....
149D. Rupture of uterus in parturition.....	F	4	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....
149E. Others under this title	F	9	.....	1	.....	.....	.....	.....	2	6	.....	.....	.....	.....
150. Other or unspecified condition of the puerperal state.....	F	6	.....	.....	.....	.....	.....	.....	1	5	.....	.....	.....	.....
150B. Others under this title	F	6	.....	.....	.....	.....	.....	.....	1	5	.....	.....	.....	.....

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1936—Continued

NATIVITY					MONTHS												
			Foreign														
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
....	24	11	1	2	....	4	3	9	4	2	3	3	2	1	2	3	2	135
....	24	5	1	.....	....	4	3	1	3	5	4	1	4	.....	1	3	1	
....	17	6	1	1	....	1	2	6	1	2	1	3	.....	1	4	.....	4	136
....	2	1	.....	1	....	.....	2	.....	1	.....	.....	.....	.....	.....	1	.....	.....	
....	14	4	1	1	....	1	2	3	1	2	1	3	.....	1	2	.....	4	136A
....	3	2	.....	.....	....	.....	.....	3	.....	.....	.....	.....	.....	.....	2	.....	.....	136B
....	2	1	.....	1	....	.....	2	.....	1	.....	.....	.....	.....	.....	1	.....	.....	
....	340	103	7	20	3	40	31	37	39	48	42	50	25	31	45	40	45	137
....	4	.....	.....	.....	....	1	.....	.....	1	1	.....	.....	.....	.....	.....	1	.....	138
....	47	10	3	6	....	7	4	7	3	7	11	5	6	7	4	2	3	139
....	26	5	2	4	....	4	2	4	2	3	4	3	5	4	4	1	1	139A
....	20	5	1	2	....	3	2	3	1	4	7	2	1	3	.....	1	1	139B
....	1	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	139C
....	285	36	13	21	....	34	34	39	29	33	23	34	28	22	25	20	34	
....	23	2	.....	4	....	2	2	4	3	4	1	1	2	3	4	2	1	140
....	16	1	.....	4	....	1	1	4	2	4	1	1	1	3	1	2	.....	140A
....	7	1	.....	.....	....	1	1	.....	1	.....	.....	.....	1	.....	3	.....	1	140B
....	14	2	1	3	....	3	1	.....	2	1	1	1	3	3	.....	2	3	141
....	13	1	.....	1	....	1	1	.....	1	1	1	1	3	2	.....	1	3	141A
....	1	1	1	2	....	2	.....	.....	1	.....	.....	.....	.....	1	.....	1	.....	141B
....	11	2	1	2	....	.....	4	.....	3	.....	1	2	.....	1	1	.....	4	142
....	1	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	142A
....	10	2	1	2	....	.....	4	.....	3	.....	1	2	.....	1	1	.....	3	142B
....	1	1	.....	.....	....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	143
....	22	6	3	3	....	7	1	4	3	1	2	6	2	.....	5	2	1	144
....	13	3	.....	2	....	4	.....	2	2	1	2	2	.....	.....	3	1	1	144A
....	9	3	3	1	....	3	1	2	1	.....	.....	4	2	.....	2	1	.....	144B
....	71	6	4	4	....	5	9	12	7	6	7	10	6	4	4	8	7	145
....	71	6	4	4	....	5	9	12	7	6	7	10	6	4	4	8	7	145A
....	57	4	2	1	....	8	8	10	3	9	2	4	3	5	3	1	8	146
....	18	3	.....	.....	....	3	1	1	2	2	2	5	2	.....	1	.....	2	147
....	25	2	1	.....	....	3	1	2	5	4	2	.....	2	2	3	2	2	148
....	6	1	1	.....	....	1	.....	.....	.....	.....	1	.....	1	.....	2	1	2	148A
....	17	1	.....	.....	....	2	1	2	4	4	1	.....	1	2	1	.....	.....	148B
....	2	.....	.....	.....	....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	148C
....	37	8	1	4	....	3	7	3	1	4	4	4	8	3	4	3	6	149
....	10	4	.....	2	....	1	1	.....	.....	.....	1	2	3	1	2	3	2	149A
....	1	1	.....	.....	....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	149B
....	17	.....	1	1	....	.....	5	1	.....	3	3	1	2	1	2	.....	1	149C
....	3	1	.....	.....	....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	2	149D
....	6	2	.....	1	....	2	1	2	1	.....	.....	.....	2	.....	.....	.....	1	149E
....	6	.....	.....	.....	....	.....	.....	3	.....	1	1	.....	.....	1	.....	.....	.....	150
....	6	.....	.....	.....	....	.....	.....	3	.....	1	1	.....	.....	1	.....	.....	.....	150B

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
CLASS XII.—DISEASES OF THE SKIN AND CELLULAR TISSUE														
Total	...	89	16	8	3	2	5	.....	.....	6	20	12	.....	17
	M	51	10	3	3	1	3	.....	.....	3	10	10	.....	8
	F	38	6	5	.....	1	2	.....	.....	3	10	2	.....	9
151. Carbuncle	M	16	4	.....	2	.....	.....	.....	.....	1	5	1	.....	3
	F	10	.....	1	.....	.....	.....	.....	.....	.....	4	1	.....	4
152. Cellulitis, acute abscess.	M	18	3	3	1	1	2	.....	.....	.....	2	5	.....	1
	F	16	4	3	.....	1	1	.....	.....	2	3	1	.....	1
153. Other diseases of the skin and annexa and of the cellular tissue	M	17	3	.....	.....	.....	1	.....	.....	2	3	4	.....	4
	F	12	2	1	.....	.....	1	.....	.....	1	3	.....	.....	4
CLASS XIII.—DISEASES OF THE BONES AND ORGANS OF LOCOMOTION														
Total	...	87	27	12	5	1	2	.....	.....	4	8	14	.....	14
	M	43	15	10	3	.....	1	.....	.....	2	5	5	.....	2
	F	44	12	2	2	1	1	.....	.....	2	3	9	.....	12
154. Osteomyelitis	M	33	11	9	2	.....	.....	.....	.....	2	5	2	.....	2
	F	19	10	1	1	.....	.....	.....	.....	1	1	1	.....	4
155. Other diseases of the bones (tuberculosis excepted)	M	4	1	1	.....	.....	1	.....	.....	.....	.....	1	.....	.....
	F	10	.....	.....	1	1	.....	.....	.....	.....	.....	4	.....	4
156. Diseases of the joints and other organs of locomotion	M	6	3	.....	1	.....	.....	.....	.....	.....	.....	2	.....	.....
	F	15	2	1	.....	.....	1	.....	.....	1	2	4	.....	4
156A. Of the joints (tuberculosis and rheumatism excepted)	M	3	1	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....
	F	5	.....	1	.....	.....	.....	.....	.....	1	1	1	.....	1
156B. Of other organs of locolocomotion	M	3	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
	F	10	2	.....	.....	.....	1	.....	.....	.....	1	3	.....	3
CLASS XIV.—CONGENITAL MALFORMATIONS														
Total	...	496	484	5	4	.....	.....	.....	.....	2	1	.....	.....	.....
	M	254	248	2	3	.....	.....	.....	.....	1	.....	.....	.....	.....
	F	242	236	3	1	.....	.....	.....	.....	1	1	.....	.....	.....
157. Congenital malformations (stillbirths excluded)	M	254	248	2	3	.....	.....	.....	.....	1	.....	.....	.....	.....
	F	242	236	3	1	.....	.....	.....	.....	1	1	.....	.....	.....
157A. Congenital hydrocephalus	M	37	36	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	35	34	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
157B. Spina bifida and meningocele	M	46	44	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	63	62	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
157C. Congenital malformations of the heart	M	102	100	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....
	F	75	73	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
157D. Monstrosities	M	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	11	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
157E. Others under this title	M	68	67	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	58	56	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1936—Continued

NATIVITY					MONTHS												
			Foreign														
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
....	64	20	.....	5	....	4	7	9	16	5	7	6	6	9	8	7	5	
....	35	15	.....	1	....	3	2	6	10	1	3	4	5	6	5	4	2	
....	29	5	.....	4	....	1	5	3	6	4	4	2	1	3	3	3	3	
....	10	6	.....	.....	....	1	2	1	4	.....	1	.....	1	2	2	1	1	151
....	7	3	.....	.....	....	.....	1	1	1	1	3	1	.....	1	1	.....	.....	
....	13	5	.....	.....	....	2	.....	3	2	1	.....	1	3	2	1	2	1	152
....	13	1	.....	2	....	.....	3	1	5	1	.....	1	1	.....	2	1	1	
....	12	4	.....	1	....	.....	.....	2	4	.....	2	3	1	2	2	1	.....	153
....	9	1	.....	2	....	1	1	1	.....	2	1	.....	.....	2	.....	2	2	
....	71	10	3	3	....	12	11	5	1	9	6	3	7	11	9	7	6	
....	37	4	1	1	....	6	4	2	1	5	4	2	4	8	5	1	1	
....	34	6	2	2	....	6	7	3	.....	4	2	1	3	3	4	6	5	
....	29	2	1	1	....	4	2	1	.....	4	4	2	3	7	4	1	1	154
....	16	1	.....	2	....	3	4	1	.....	2	1	.....	1	1	2	2	2	
....	4	.....	.....	.....	....	.....	1	1	1	.....	.....	.....	1	.....	.....	.....	.....	155
....	6	3	1	.....	....	2	2	1	.....	.....	.....	.....	1	.....	.....	2	2	
....	4	2	.....	.....	....	2	1	.....	.....	1	.....	.....	.....	1	1	.....	.....	156
....	12	2	1	.....	....	1	1	1	.....	2	1	1	1	2	2	2	1	
....	2	1	.....	.....	....	1	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	156A
....	5	.....	.....	.....	....	.....	.....	1	.....	.....	.....	.....	.....	.....	2	2	.....	
....	2	1	.....	.....	....	1	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	156B
....	7	2	1	.....	....	1	1	.....	.....	2	1	1	1	2	.....	.....	1	
....	491	2	3	.....	....	51	38	40	45	31	42	50	38	42	41	36	42	
....	253	.....	1	.....	....	20	18	16	28	18	21	28	23	18	19	22	23	
....	238	2	2	.....	....	31	20	24	17	13	21	22	15	24	22	14	19	
....	253	.....	1	.....	....	20	18	16	28	18	21	28	23	18	19	22	23	157
....	238	2	2	.....	....	31	20	24	17	13	21	22	15	24	22	14	19	
....	37	.....	.....	.....	....	2	2	2	3	5	.....	11	2	.....	3	5	2	157A
....	35	.....	.....	.....	....	3	2	1	.....	4	2	7	1	2	5	3	5	
....	46	.....	.....	.....	....	5	5	3	6	1	2	4	4	2	3	4	7	157B
....	62	.....	1	.....	....	12	5	6	4	2	8	4	2	7	4	5	4	
....	101	.....	1	.....	....	7	3	6	13	9	11	6	10	10	10	10	7	157C
....	74	1	.....	.....	....	10	3	9	6	4	7	5	8	6	7	3	7	
....	1	.....	.....	.....	....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	157D
....	11	.....	.....	.....	....	.....	1	3	2	.....	1	.....	.....	2	.....	1	1	
....	68	.....	.....	.....	....	6	8	5	5	3	8	7	7	6	3	3	7	157E
....	56	1	1	.....	....	6	9	5	5	3	3	6	4	7	6	2	2	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
				Single					Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
CLASS XV.—DISEASES OF EARLY INFANCY														
Total	...	1637	1637	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	M	924	924	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	713	713	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
158. Congenital debility	M	79	79	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	52	52	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
159. Premature birth	M	583	583	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	469	469	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
160. Injury at birth	M	144	144	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	100	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
160A. With mention of caesarean operation	M	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
160B. Without mention of caesarean operation	M	141	141	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	99	99	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
161. Other diseases peculiar to early infancy (under 3 months)	M	118	118	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	92	92	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
161A. Atelectasis	M	35	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	25	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
161B. Icterus of the new-born	M	22	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	8	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
161C. Sclerema and oedema	M	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
161D. Athrepsia	M	6	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
161E. Others, including lack of care	M	52	52	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	55	55	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
161F. No cause given, no doctor in attendance	M	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	4	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
CLASS XVI.—SENILITY														
Total	...	396	.....	.....	.....	.....	54	.....	.....	.....	2	91	.....	249
	M	171	.....	.....	.....	.....	26	.....	.....	.....	.....	63	.....	82
	F	225	.....	.....	.....	.....	28	.....	.....	.....	2	28	.....	167
162. Senility	M	171	.....	.....	.....	.....	26	.....	.....	.....	.....	63	.....	82
	F	225	.....	.....	.....	.....	28	.....	.....	.....	2	28	.....	167
162A. With senile dementia (70 years and over)	M	35	.....	.....	.....	.....	7	.....	.....	.....	.....	13	.....	15
	F	45	.....	.....	.....	.....	7	.....	.....	.....	.....	6	.....	32
162B. Without senile dementia (70 years and over)	M	135	.....	.....	.....	.....	18	.....	.....	.....	.....	50	.....	67
	F	177	.....	.....	.....	.....	21	.....	.....	.....	.....	22	.....	134
162C. Premature senility (55 years but under 70 years)	M	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
	F	3	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	1
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS														
Total	...	3294	379	220	249	154	217	3	15	393	453	404	.....	802
	M	2111	242	178	210	130	94	2	10	305	351	281	.....	303
	F	1183	137	42	39	24	123	1	5	88	102	123	.....	499
163-171. Suicides	M	299	1	15	40	31	6	1	1	48	101	17	.....	36
	F	99	1	7	9	4	2	1	1	25	27	4	.....	18
163. Suicide by solid or liquid poisons or by absorption of corrosive substances	M	33	.....	.....	5	3	1	.....	.....	5	14	.....	.....	5
	F	35	1	3	4	1	.....	.....	.....	12	10	.....	.....	4

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1936—Continued

NATIVITY					MONTHS												
			Foreign														
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
....	1636	.....	.....	.....	1	161	126	168	141	133	149	125	119	126	120	118	151	
....	924	.....	.....	.....	....	96	66	95	90	80	88	71	69	67	60	58	84	
....	712	.....	.....	.....	1	65	60	73	51	53	61	54	50	59	60	60	67	
....	79	.....	.....	.....	....	8	8	5	6	10	5	5	7	6	7	5	7	158
....	52	.....	.....	.....	....	6	6	5	5	4	4	1	1	4	4	8	4	
....	583	.....	.....	.....	....	55	37	62	51	50	60	45	41	46	36	39	61	159
....	468	.....	.....	.....	1	41	32	46	31	41	40	40	33	43	44	35	43	
....	144	.....	.....	.....	....	15	12	19	19	11	10	11	11	10	11	9	6	160
....	100	.....	.....	.....	....	10	15	8	5	2	10	3	11	3	7	11	15	
....	3	.....	.....	.....	....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	1	160A
....	1	.....	.....	.....	....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	
....	141	.....	.....	.....	....	15	11	19	19	10	10	11	11	10	11	9	5	160B
....	99	.....	.....	.....	....	10	15	8	5	2	9	3	11	3	7	11	15	
....	118	.....	.....	.....	....	18	9	9	14	9	13	10	10	5	6	5	10	161
....	92	.....	.....	.....	....	8	7	14	10	6	7	10	5	9	5	6	5	
....	35	.....	.....	.....	....	7	1	2	4	3	4	3	4	3	1	.....	3	161A
....	25	.....	.....	.....	....	.....	3	3	2	.....	3	3	2	5	2	1	1	
....	22	.....	.....	.....	....	1	2	3	2	1	3	2	4	1	1	2	.....	161B
....	8	.....	.....	.....	....	2	.....	2	1	.....	1	.....	.....	.....	1	1	.....	
....	1	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	161C
....	6	.....	.....	.....	....	1	.....	.....	1	.....	1	.....	1	.....	2	.....	.....	161D
....	52	.....	.....	.....	....	8	6	4	7	5	5	5	1	1	2	2	6	161E
....	55	.....	.....	.....	....	5	4	9	7	5	3	7	3	4	2	2	4	
....	2	.....	.....	.....	....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	161F
....	4	.....	.....	.....	....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	2	.....	
....	287	81	12	13	3	36	30	38	35	37	26	30	34	22	29	35	44	
....	124	35	3	7	2	17	13	18	14	15	14	13	18	5	12	13	19	
....	163	46	9	6	1	19	17	20	21	22	12	17	16	17	17	22	25	
....	124	35	3	7	2	17	13	18	14	15	14	13	18	5	12	13	19	162
....	163	46	9	6	1	19	17	20	21	22	12	17	16	17	17	22	25	
....	28	6	.....	.....	1	2	3	1	3	2	3	3	5	1	5	3	4	162A
....	33	10	2	.....	....	3	1	5	5	2	1	5	4	3	1	5	10	
....	95	29	3	7	1	15	10	17	11	13	11	10	12	4	7	10	15	162B
....	127	36	7	6	1	15	15	14	16	20	11	12	12	14	16	17	15	
....	1	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	162C
....	3	.....	.....	.....	....	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	
5	2286	597	122	242	47	158	171	213	205	205	223	982	256	209	226	242	204	
5	1433	366	75	197	40	103	117	139	139	138	166	545	172	130	158	173	131	
....	853	231	47	45	7	55	54	74	66	67	57	437	84	79	68	69	73	
2	169	70	9	43	8	18	20	38	35	27	28	26	22	12	25	22	26	163–171
....	66	20	4	8	1	4	7	13	9	8	8	3	8	11	12	6	10	
....	18	9	1	4	1	3	3	3	5	3	2	1	3	1	2	3	4	163
....	25	4	3	3	....	2	5	5	5	2	1	1	3	2	5	1	3	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
164. Suicide by poisonous gas	M	27		1	3	2				5	10	3		3
	F	6		2						1	2			1
165. Suicide by hanging or strangulation	M	74	1	2	8	9				13	27	5		8
	F	16			2	1				6	4			3
166. Suicide by drowning	M	38		3	1	7	3			4	12	2		6
	F	27		1	2	2	2	1	1	5	7	2		4
167. Suicide by firearms	M	74		4	16	6	1	1	1	12	24	3		6
	F	5		1	1									3
168. Suicide by cutting or piercing instruments	M	24			2	2	1			3	8	4		4
	F	1									1			
169. Suicide by jumping from high places	M	18		3	1					5	6			3
	F	5								1	1	1		2
170. Suicide by crushing	M	5			1	2				1				
	F	1										1		
171. Suicide by other means	M	6		2	3									1
	F	3									2			1
173–175. Homicides	M	21	3	1	2	1				6	4	2		2
	F	28	6	5	4	1			2	7	1			2
173. Homicide by firearms	M	7				1				3	2	1		
	F	3		1		1				1				
174. Homicide by cutting or piercing instruments	M	3			1					1	1			
	F	3								3				
175. Homicide by other means	M	11	3	1	1					2	1	1		2
	F	22	6	4	4				2	3	1			2
176–198. Other violent deaths	M	1791	238	162	168	98	88	1	9	251	246	262		265
	F	1056	130	30	26	19	121		2	56	74	119		479
176. Attack by venomous animals	M	1									1			
177. Food poisoning	M	5	1	1		1					2			
	F	2								2				
178. Accidental absorption of toxic gases	M	16		2	2					4	8			
	F	7	1				1			1	1	1		2
179. Other acute accidental poisonings (except by gas	M	16	6		5		1				3			1
	F	12	7	1					1	1	1			1
180. Conflagration	M	33	12	1	3	4	2			5	3	2		1
	F	29	18	2						3	1	1		4
181. Accidental burns (conflagration excepted)	M	53	22	3	1	3	3			8	5	6		2
	F	60	24	1	1	1	4			8	10	3		8
182. Accidental mechanical suffocation	M	51	34	2	3	2		1		6	3			
	F	18	14							1	1			2
183. Accidental drowning	M	205	65	36	30	7	1		1	33	20	4		7
	F	25	8	4	5	2				4	1			1
184. Accidental injury by firearms	M	25	6	4	3	1				2	8			1
	F	1	1											
185. Accidental injury by cutting or piercing instruments	M	17	3	3	2	1	1			2	3	2		
	F	4					1			2		1		
186. Accidental injury by fall, crushing or landslide	M	921	66	98	95	45	38		7	158	139	137		137
	F	496	36	18	11	5	55		1	29	29	56		256
187. Cataclysm	M	2								1	1			
188. Injuries by animals	M	21	1		1	3	2			2	4	7		1
	F	2								1		1		
189. Hunger or thirst	M	3	1				1							1
190. Excessive cold	M	17		1	3		4			2	2	4		1
	F	1									1			
191. Excessive heat	M	331	14	3	10	28	34			9	37	92		103
	F	371	16	3	8	11	54			3	29	53		194
192. Lightning	M	2	1								1			
193. Accidents due to electric currents	M	14	3	1	4					3	1	1		1
194. Other accidents	M	53	3	6	5	3	1		1	15	3	7		9
	F	23	3				6					3		11
194A. Foreign body	M	1	1											
	F	1	1											
194B. Others under this title	M	52	2	6	5	3	1		1	15	3	7		9
	F	22	2				6				3	11		

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1936—Continued

NATIVITY					MONTHS												
			Foreign														
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
....	20	6	.....	1	....	2	.....	6	5	3	2	3	2	.....	2	1	1	164
....	4	2	.....	.....	....	.....	1	1	.....	.....	.....	.....	.....	2	1	.....	1	
1	43	12	2	16	1	6	7	9	7	5	8	8	3	4	2	7	8	165
....	10	3	.....	3	....	.....	1	1	.....	2	1	.....	2	.....	2	4	3	
....	18	16	1	3	....	.....	1	1	5	4	6	4	5	1	5	3	3	166
....	19	6	.....	1	1	1	.....	4	2	4	2	1	2	6	2	1	2	
....	43	18	3	7	3	5	4	9	7	8	7	7	5	2	7	4	9	167
....	4	1	.....	.....	....	.....	.....	.....	1	.....	2	.....	.....	.....	1	.....	1	
....	11	6	1	6	....	.....	4	6	5	1	.....	2	2	.....	2	2	.....	168
....	.....	1	.....	.....	....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	
....	12	3	.....	2	1	1	1	4	1	2	3	.....	1	2	1	1	1	169
....	2	1	1	1	....	1	.....	1	1	.....	1	.....	.....	1	.....	.....	.....	
1	1	.....	1	1	2	.....	.....	.....	.....	.....	.....	1	1	.....	3	.....	.....	170
....	1	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	
....	3	.....	.....	3	....	1	.....	.....	.....	1	.....	.....	.....	2	1	1	.....	171
....	1	2	.....	.....	....	.....	.....	.....	.....	.....	1	.....	1	.....	1	.....	.....	
....	13	2	.....	3	3	1	.....	1	2	5	4	3	1	.....	1	1	2	173–175
....	21	2	.....	2	3	5	3	4	1	1	3	.....	3	3	3	2	.....	
....	6	.....	.....	.....	1	.....	.....	1	.....	5	1	.....	.....	.....	.....	.....	.....	173
....	3	.....	.....	.....	....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	
....	2	.....	.....	1	....	.....	.....	.....	2	.....	.....	1	.....	.....	.....	.....	.....	174
....	1	1	.....	1	....	.....	.....	1	.....	.....	.....	.....	.....	2	.....	.....	.....	
....	5	2	.....	2	2	1	.....	.....	.....	.....	4	1	1	.....	1	1	2	175
....	17	1	.....	1	3	4	3	2	1	1	3	.....	3	1	3	1	.....	
3	1251	294	66	151	29	84	97	100	102	106	134	516	149	118	132	150	103	176–
....	766	209	43	35	3	46	44	57	56	58	46	434	73	65	53	61	63	
....	1	.....	.....	.....	....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	176
....	4	.....	.....	1	....	.....	.....	1	.....	.....	2	.....	.....	1	.....	1	.....	177
....	2	.....	.....	.....	....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	
....	9	1	4	2	....	1	4	2	1	1	.....	1	.....	.....	3	2	1	178
....	7	.....	.....	.....	....	1	.....	1	2	.....	.....	.....	1	1	.....	.....	1	
....	12	1	2	1	....	2	2	.....	.....	.....	3	4	.....	.....	2	3	.....	1 179
....	10	2	.....	.....	....	.....	.....	1	4	3	.....	1	.....	1	.....	.....	2	
....	24	3	1	4	1	4	5	1	2	3	1	.....	1	.....	6	5	5	180
....	25	2	2	.....	....	7	3	2	.....	2	1	1	.....	1	1	5	6	
....	42	4	3	3	1	4	4	5	5	3	6	7	1	4	5	7	2	181
....	50	5	1	3	1	6	8	7	3	5	5	6	5	3	4	2	6	
....	45	2	1	2	1	5	5	4	7	3	3	2	3	7	8	2	2	182
....	18	.....	.....	.....	....	.....	.....	3	2	1	.....	1	1	1	1	2	6	
1	149	17	21	15	3	1	1	6	3	28	40	59	30	7	4	18	8	183
....	20	1	2	1	1	.....	.....	.....	1	.....	4	5	6	5	1	1	2	
....	19	3	3	.....	....	.....	2	3	4	2	.....	.....	2	1	1	6	4	184
....	1	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	
....	13	1	1	2	....	1	1	.....	1	3	.....	2	2	3	1	1	2	185
....	2	2	.....	.....	....	.....	.....	.....	1	1	.....	.....	2	.....	.....	.....	.....	
1	638	156	22	91	14	56	61	64	68	52	69	104	97	85	93	100	72	176
....	354	99	28	14	1	29	31	42	42	43	32	56	49	43	44	50	35	18
....	2	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	7
....	15	3	.....	3	....	1	.....	6	.....	2	2	5	1	3	1	.....	.....	188
....	2	.....	.....	.....	....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	18
....	2	.....	.....	.....	1	.....	.....	.....	2	.....	.....	.....	.....	1	.....	.....	.....	89
....	14	2	.....	1	....	6	3	1	1	.....	.....	.....	.....	.....	.....	4	2	190
....	1	.....	.....	.....	....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
1	205	97	6	18	5	.....	.....	.....	.....	2	.....	324	5	.....	.....	.....	.....	181
....	249	95	10	17	....	.....	.....	.....	.....	.....	.....	362	7	2	.....	.....	.....	
....	2	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	192
....	12	.....	1	1	....	.....	.....	.....	.....	1	4	4	2	1	1	.....	1	193
....	40	3	1	7	2	3	8	7	7	4	4	4	3	3	5	1	4	194
....	21	2	.....	.....	....	3	1	1	1	2	2	2	1	3	2	1	4	
....	1	.....	.....	.....	....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	194A
....	1	.....	.....	.....	....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	
....	39	3	1	7	2	3	7	7	7	4	4	4	3	3	5	1	4	194B
....	20	2	.....	.....	....	3	1	1	1	2	1	2	1	3	2	1	4	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
				Single					Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
195. Violent deaths of which the nature (accident, suicide, homicide) is unknown	M	4	.....	1	1	.....	.....	.....	.....	.....	2	.....	.....	.....
	F	5	2	1	1	.....	.....	.....	.....	1	.....	.....	.....	.....
198. Capital punishment	M	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
CLASS XVIII.—ILL-DEFINED CAUSES OF DEATH														
Total	...	57	21	1	1	4	4	.....	.....	5	7	7	.....	7
	M	39	13	1	1	3	3	.....	.....	5	4	6	.....	3
	F	18	8	.....	.....	1	1	.....	.....	.....	3	1	.....	4
199. Sudden death	M	14	.....	.....	.....	2	2	.....	.....	2	3	3	.....	2
	F	6	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
200. Cause of death not specified or ill-defined	M	25	13	1	1	1	1	.....	.....	3	1	3	.....	1
	F	12	6	.....	.....	1	1	.....	.....	.....	3	1	.....	.....

SPECIAL CLASSES OF

(Included also under the numbers

ONTARIO

A. Accidents in mines and quarries	M	58	.....	7	13	.....	.....	.....	.....	31	7	.....	.....	.....
B. Accidents caused by machines	M	41	3	5	3	1	2	.....	2	11	9	3	.....	2
	F	2	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
C. Railway accidents	M	89	2	9	19	6	1	.....	.....	20	19	1	.....	12
	F	8	1	1	.....	.....	.....	.....	.....	.....	2	.....	.....	4
D. Street-car accidents	M	7	.....	1	1	2	1	.....	.....	.....	.....	1	.....	1
	F	3	.....	.....	.....	1	1	.....	.....	.....	.....	1	.....	.....
E. Automobile and motorcycle accidents	M	431	49	63	46	19	12	.....	4	75	75	49	.....	39
	F	133	24	16	10	4	6	.....	.....	26	13	6	.....	28
F. Other land transportation	M	49	3	5	6	3	2	.....	.....	4	7	4	.....	5
	F	9	5	1	.....	.....	.....	.....	.....	1	.....	.....	.....	2
G. Water transportation	M	69	2	14	15	3	.....	.....	.....	18	14	.....	.....	3
	F	6	.....	.....	2	1	.....	.....	.....	1	1	.....	.....	1
H. Air transportation	M	4	.....	.....	1	.....	.....	.....	.....	3	.....	.....	.....	.....
	F	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1936—Continued

NATIVITY					MONTHS												
			Foreign														
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
....	2	1	.....	.....	1	.....	1	.....	1	.....	.....	.....	.....	2	.....	.....	.....	195
....	4	1	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	1	3	.....	.....	1	
....	1	.....	.....	.....	....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	198
....	45	5	3	4	....	5	4	3	7	2	5	4	4	9	2	7	5	
....	30	4	2	3	....	4	4	2	4	2	4	2	3	7	1	4	2	
....	15	1	1	1	....	1	.....	1	3	.....	1	2	1	2	1	3	3	
....	9	2	.....	3	....	2	1	1	.....	1	.....	.....	2	3	1	2	1	199
....	5	1	.....	.....	....	.....	.....	1	1	.....	.....	.....	.....	.....	1	1	2	
....	21	2	2	.....	....	2	3	1	4	1	4	2	1	4	...	2	1	200
....	10	.....	1	1	....	1	.....	.....	2	.....	1	2	1	2	.....	2	1	

ACCIDENTAL DEATHS

of the International List above)

1936

....	23	5	.....	30	....	3	8	4	4	2	4	3	6	6	9	5	4	A
....	31	5	.....	5	....	1	2	1	2	4	5	6	5	5	3	2	5	B
....	2	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	
....	52	18	1	11	7	4	10	9	4	5	6	7	11	7	7	12	7	C
....	7	1	.....	.....	....	.....	.....	1	.....	3	1	1	.....	1	.....	1	.....	
....	5	1	.....	1	....	.....	.....	1	.....	1	2	.....	.....	.....	1	2	.....	D
....	1	1	1	.....	....	.....	.....	1	.....	.....	1	.....	.....	.....	1	.....	.....	
....	298	78	21	32	2	21	15	20	36	26	26	52	47	47	52	50	39	E
....	95	19	14	4	1	2	3	10	11	11	6	12	23	12	14	17	12	
....	40	4	1	3	1	1	1	2	4	2	4	10	4	6	7	4	4	F
....	7	.....	1	1	....	1	1	1	.....	1	.....	1	3	.....	1	.....	.....	
....	43	9	12	5	....	.....	.....	1	2	15	16	14	8	1	2	9	1	G
....	4	1	1	.....	....	.....	.....	.....	.....	.....	.....	2	3	1	.....	.....	.....	
....	4	.....	.....	.....	....	.....	.....	.....	.....	1	2	.....	.....	.....	1	.....	.....	H
....	1	.....	.....	.....	....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	

TABLE 39—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora
Total, including cities and towns of 5,000 and over	37,571	97	434	651	500	2,072	522	161	169	333	577	1,349	696	166	187	669	229	61	201	733	524	232
Total, excluding cities and towns of 5,000 and over	16,195	97	196	248	500	238	332	161	169	333	311	392	208	166	187	486	229	61	201	407	524	140
CLASS I.—INFECTIOUS AND PARASITIC DISEASES																						
Total	1474	5	23	18	30	14	36	10	11	25	16	31	16	9	16	25	14	6	8	29	21	41
1. Typhoid fever	12	..	..	..	..	..	4	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
2. Paratyphoid fever	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5. Undulant fever	2	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
7. Measles	46	..	1	1	2	..	5	..	..	2	2	3	..	..	..	..	..	1	2	4	2	
8. Scarlet fever	28	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	1	1	
9. Whooping-cough	49	..	..	..	6	1	5	1	..	..	1	2	..	..	..	..	1	1	..	1	1	6
10. Diphtheria	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
11. Influenza	396	3	7	3	9	9	6	7	4	9	7	19	8	2	7	12	7	3	3	9	8	5
11A. Sole cause	33	..	..	..	..	2	1	3	..	..	1	..	1	..	..	1	..	..	..	1	1	2
11B. With bronchitis	16	..	..	..	..	..	1	..	..	1	..	3	..	..	1	..	..	..	..	1	..	..
11C. With pneumonia	173	1	5	1	2	1	4	3	..	5	1	11	2	..	4	6	3	1	1	3	4	2
11D. With other diseases of the respiratory system	25	..	..	..	1	..	..	..	..	..	1	2	..	1	..	1	..	..	..	..	..	..
11E. With intestinal complications	37	..	..	..	3	3	..	..	2	1	..	..	3	1	..	1	1	1	1	1	..	..
11F. With other causes	112	2	2	2	3	3	..	1	2	2	4	3	2	..	2	3	3	1	1	3	3	1
13. Dysentery	18	..	..	1	1	1	..	..	..	..	2	..	1	..	..	..	..	..	1	..	1	..
15. Erysipelas	31	..	..	..	..	..	1	..	..	3	..	1	1	..	..	2	..	1	..	..	1	..
16. Poliomyelitis and polioencephalitis (acute)	15	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
17. Lethargic or epidemic encephalitis	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
18. Epidemic cerebrospinal meningitis	4	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
22. Tetanus	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
23-32. Tuberculosis	786	1	14	11	7	3	13	1	5	9	4	5	6	7	9	7	4	..	3	13	4	24
23. Tuberculosis of the respiratory system	701	1	13	9	7	3	11	..	5	6	..	4	5	5	6	5	3	..	3	10	3	19
24. Tuberculosis of the meninges and central nervous system	26	..	1	..	..	..	2	..	..	2	1	..	1	..	..	..	..	..	..	1	..	5
25. Tuberculosis of the intestines and peritoneum	15	..	..	1	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..
26. Tuberculosis of the vertebral column	12	..	..	..	..	..	..	1	..	1	1	..	..	1	2	..	1	..	..	1	..	..
27. Tuberculosis of the bones and joints (vertebral column excepted)	6	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..
27A. Of bones	2	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
27B. Of joints	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
28. Tuberculosis of the skin and subcutaneous cellular tissue	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
29. Tuberculosis of the lymphatic system (bronchial, mesenteric and retroperitoneal glands excepted)	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
30. Tuberculosis of the genito-urinary system	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	1	..	..
31. Tuberculosis of other organs	2	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..
32. Disseminated tuberculosis	16	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
32A. Acute	15	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
32C. Not specified	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
34. Syphilis	31	..	..	1	1	..	2	..	..	..	..	..	..	..	..	..	1	..	..	2	..	2
35. Gonococcus infection and other venereal diseses	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
36. Purulent infection, septicaemia (non-puerperal	19	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	1	..	..	1	..	..
38. Malaria	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
39. Other diseases due to protozoal parasites	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
41. Hydatid cysts	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
41A. Of the liver	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
42. Other diseases caused by helminths	2	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
43. Mycoses	8	1	..	1	..	..	..	..	2	..	..	1	..	..	..	1	..	..	..	..	..	..
44. Other infectious or parasitic diseases	5	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
44A. Chicken-pox	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
44B. German measles	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
44C. Others under this title	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

CITIES AND TOWNS OF 5,000 AND OVER)—ONTARIO, 1936

Kent	Lambton	Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Timiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	Grand total, including cities and towns
720	715	386	516	111	569	112	1,766	276	426	334	399	665	640	222	262	545	556	232	235	130	536	168	988	452	670	550	363	325	918	710	666	2,101	8,744	
395	454	279	339	111	298	112	662	276	255	221	295	277	350	222	177	345	182	171	235	94	295	168	538	192	343	343	238	174	254	265	462	462	1,395	37,571
28	29	15	22	7	33	22	120	85	28	14	19	10	21	19	10	7	11	24	13	9	15	24	32	14	33	10	44	5	23	16	21	106	181	2865
...	...	...	...	...	1	..	...	1	2	..	...	...	...	..	..	...	..	..	..	..	..	..	...	..	..	..	1	..	..	1	...	...	...	40
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	2	2	2	..	2	2	1	..	...	...	...	1	..	...	..	3	2	..	...	..	...	..	..	..	1	..	1	..	1	...	1	84
...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	..	...	1	8	..	2	..	1	2	...	...	7	79
...	1	1	...	...	...	...	...	...	1	..	3	...	...	...	...	...	1	1	2	...	...	1	...	...	4	..	2	...	...	...	...	...	6	112
...	...	...	1	...	...	...	...	1	3	...	...	...	...	...	...	...	...	...	...	1	...	1	...	3	2	...	...	...	...	...	...	...	...	31
20	13	7	8	4	7	6	14	4	9	7	9	3	14	7	6	5	5	4	5	4	7	10	7	5	5	3	4	..	2	5	9	11	20	722
1	3	...	...	...	...	...	...	...	...	...	...	...	2	...	...	1	...	...	2	1	2	1	...	1	..	1	..	...	...	...	2	2	1	49
...	1	1	...	...	1	...	...	...	1	...	...	...	...	1	...	...	...	...	...	1	1	...	...	...	...	...	1	...	...	...	...	...	1	27
8	6	3	2	..	6	1	10	1	3	4	3	...	8	6	4	3	2	1	1	1	1	3	4	3	5	1	1	..	1	3	1	6	11	341
2	...	1	1	2	...	...	...	...	1	...	...	1	...	...	...	...	1	1	...	...	...	3	...	...	...	...	...	...	...	2	2	...	2	38
2	...	...	1	...	...	...	3	1	2	2	1	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	2	1	...	57
7	3	2	4	2	..	5	1	2	2	1	4	1	4	..	1	1	2	1	2	1	3	3	3	1	..	1	2	..	1	..	2	2	5	210
...	...	1	...	...	...	1	1	1	...	...	...	...	...	...	...	...	...	1	...	...	2	..	2	...	1	...	...	...	...	...	...	...	...	34
1	1	1	...	...	...	...	1	..	.	1	1	...	...	1	...	...	...	...	1	...	...	...	2	1	3	1	...	...	1	...	...	2	3	81
...	...	...	...	...	...	...	2	..	1	...	...	3	...	...	...	...	1	...	...	...	...	...	3	...	...	...	1	1	..	1	1	...	...	23
...	...	...	...	...	...	...	1	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	15
...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	20
...	...	...	...	...	...	...	1	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	20
7	14	5	10	1	21	15	92	75	9	2	4	4	4	8	2	1	4	14	3	4	6	11	14	4	8	5	31	4	16	4	6	92	136	1327
6	14	4	6	1	19	13	90	68	7	2	2	3	4	3	2	1	3	13	2	4	6	9	13	3	5	4	31	4	16	4	6	88	127	1109
...	...	...	1	..	...	...	...	..	2	..	...	...	...	3	..	...	...	1	...	...	...	...	...	1	1	1	...	...	...	...	...	1	2	91
1	...	1	1	..	..	1	1	1	..	..	1	1	...	1	..	...	1	..	...	...	...	1	...	...	1	..	...	...	...	...	...	...	..	37
...	...	...	...	...	1	..	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	20
...	...	...	...	...	...	1	..	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	13
...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	9
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	22
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	2
...	...	...	2	...	1	..	1	5	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	3	29
...	...	...	1	...	1	..	1	5	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	3	25
...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
...	...	...	...	...	2	..	6	...	...	1	...	...	1	...	1	...	...	...	...	...	...	...	2	...	1	...	...	...	...	1	2	...	5	146
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
...	...	...	1	...	...	...	...	...	2	..	1	...	2	2	..	1	...	...	...	...	...	...	1	...	...	...	1	..	1	2	...	...	1	67
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	11
...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	35
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	26

TABLE 39—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora
CLASS II.—CANCER AND OTHER TUMOURS																						
Total	1705	18	17	30	52	30	27	23	16	27	34	41	26	23	22	44	21	2	30	41	75	7
45–53. Cancer and other malignant tumours	1614	18	17	27	51	30	25	20	15	24	34	38	24	22	21	42	19	2	27	35	67	7
45. Cancer of the buccal cavity and pharynx	41	..	2	1	1	1	..	..	2	...	1	3	..	2	1	...	1	1	1	2	2	..
46. Cancer of the digestive tract and peritoneum	856	9	10	17	26	12	15	9	9	14	18	19	10	11	12	24	13	1	15	17	30	4
46A. Of the oesophagus	32	..	..	..	1	..	1	..	..	1	2	..	1	..	..	1	..	..	..	..	1	..
46B. Of the stomach and duodenum	342	5	9	7	13	2	8	3	3	6	8	10	2	2	2	12	6	..	5	6	10	3
66C. Of the rectum	89	1	..	2	2	3	1	2	1	..	1	1	1	2	1	2	4	1	1	3	4	..
46D. Of the liver and biliary ducts	122	1	1	3	2	1	1	2	1	2	2	2	1	1	4	3	1	..	1	3	8	1
46E. Of the pancreas	45	..	..	..	...	2	1	..	1	...	1	1	1	2	..	..	..	..	..	1	1	..
46F. Of the peritoneum	5	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..
46G. Of other organs	221	2	..	5	8	4	3	2	3	5	4	4	4	4	5	6	2	..	7	4	6	..
47. Cancer of the respiratory organs	39	..	1	..	2	1	2	1	..	..	..	1	..	1	..	1	..	..	..	2	2	..
47A. Of the larynx	7	..	..	..	..	1	1	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..
47B. Of the lung	27	..	1	..	1	..	1	1	..	..	..	..	..	..	..	1	..	..	..	2	..	..
47C. Of the mediastinum	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
47D. Of other organs of the respiratory system	3	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..
48. Cancer of the uterus	106	..	..	2	5	1	2	..	..	..	3	2	2	2	3	5	1	..	4	1	4	1
48A. Of the uterus	75	..	..	2	3	1	2	..	..	..	3	2	2	2	2	2	..	..	4	1	1	..
48B. Of the cervix uteri	31	..	..	..	2	..	..	..	..	..	..	..	..	..	1	3	1	..	..	..	3	1
49. Cancer of other female genitile organs	41	..	1	..	1	1	..	1	2	1	1	1	1	1	1	1	..	..	2	1	2	1
50. Cancer of the breast	189	3	..	1	4	4	1	3	..	3	2	1	4	2	1	2	3	..	3	4	11	..
51. Cancer of the male genito-urinary organs	162	1	1	3	3	3	2	2	2	2	6	5	3	3	1	6	1	..	..	7	6	1
51A. Of the bladder	34	..	..	..	2	1	..	..	..	1	3	1	..	..	..	1	1	..	..	1	..	..
51B. Of the kidney	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..
51C. Of the prostate gland	116	1	1	3	1	2	2	2	2	1	3	2	2	3	1	4	..	..	..	6	5	..
51D. Of the testicles and annexa	2	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..
51E. Of other male genito-urinary organs	4	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	1
52. Cancer of the skin	48	2	..	..	4	2	..	2	..	..	1	1	..	..	..	2	..	..	1	..	1	..
53. Cancer of other or unspecified organs	132	3	2	3	5	5	3	2	..	4	2	5	4	..	2	1	..	..	1	1	9	..
53A. Of the eye and orbit	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
53B. Of the circulatory system	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
53C. Of the glandular system	29	1	1	1	1	..	1	..	..	..	..	2	2	..	..	1	..	..	1	..	1	..
53D. Of the female urinary organs	21	..	..	1	2	1	..	1	..	2	1	..	..	..	..	..	..	..	..	..	2	..
53E. Of the bones and joints	21	1	1	..	..	2	1	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..
53F. Of the brain	15	..	..	..	..	1	..	1	..	1	..	2	..	..	1	..	..	..	..	..	3	..
53G. Of the spine and spinal cord	3	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
53H. Of the neck	11	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
53I. Of the abdomen	14	1	..	..	1	..	..	..	..	..	..	1	2	..	..	..	..	..	..	..	..	..
53J. Of other specified organs	13	..	..	..	..	1	1	..	..	1	..	..	..	..	..	..	..	..	..	..	2	..
53K. Multiple cancer	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
54. Non-malignant tumours	80	..	..	2	1	..	2	3	1	1	..	3	2	1	1	2	1	..	3	6	7	..
54A. Of the ovary	14	..	..	..	..	..	1	1	..	1	..	..	..	1	..	..	1	..	..	..	2	..
54B. Of the uterus	12	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	2	..	..
54D. Of the brain	12	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	1	1	4	..
54E. Of the thyroid gland	22	..	..	2	1	..	..	..	1	..	..	1	..	..	1	1	..	..	1	2	1	..
54F. Of the prostate gland	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
54G. Of other or unspecified sites	13	..	..	..	..	..	1	1	..	..	..	1	..	..	..	1	..	..	1	1	..	..
55. Tumours, nature not specified	11	..	..	1	..	..	..	..	..	2	..	..	..	..	..	..	1	..	..	..	1	..
55D. Of the brain	8	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	1	..
55G. Of other or unspecified sites	3	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
CLASS III.—RHEUMATIC DISEASES, DISEASES OF TOTAL NUTRITION AND OF THE ENDOCRINE GLANDS AND OTHER GENERAL DISEASES																						
Total	430	2	3	6	9	4	8	1	6	15	8	14	5	2	8	18	6	2	5	16	13	2
56. Acute rheumatic fever	56	..	1	2	1	1	1	..	..	2	1	...	2	1	3	3	..	..	..	...	2	1
57. Chronic rheumatism, osteo-arthritis	20	..	..	..	..	..	1	..	1	..	..	..	1	..	..	..	..	..	1	..	1	..
59. Diabetes mellitus	221	1	..	4	6	3	2	1	2	8	4	8	1	1	3	6	4	1	2	10	8	1
60. Scurvy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
62. Pellagra	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
63. Rickets	6	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	..	..	..
65. Diseases of the pituitary gland	3	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
66. Diseases of the thyroid and parathyroid glands	76	1	2	..	2	..	1	..	3	3	3	5	1	..	1	4	2	1	1	2	2	..
66A. Simple goitre	19	..	..	..	2	..	..	..	2	1	..	1	..	..	..	2	..	..	..	..	..	..

CITIES AND TOWNS OF 5,000 AND OVER)—ONTARIO, 1936—Continued

Kent	Lambton	Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	Grand total, including cities and towns
40	47	23	33	16	29	7	73	26	12	21	40	29	31	14	14	43	20	16	26	11	29	11	64	23	34	4	19	18	34	26	21	45	160	4773
39	46	20	33	16	29	7	72	25	11	20	39	28	29	13	14	41	20	13	26	10	28	11	60	23	29	4	19	17	30	24	60	40	153	4441
1	1	...	2	..	1	..	4	1	..	1	...	...	1	...	..	1	1	..	..	..	...	1	1	..	1	1	..	..	..	...	1	1	...	131
23	18	13	20	8	15	6	31	13	9	12	23	14	13	9	8	22	9	7	14	5	16	7	34	12	15	2	10	9	20	12	32	15	85	2250
1	...	2	...	1	1	..	1	1	..	..	...	...	...	1	..	1	..	..	..	..	2	1	3	1	..	..	2	..	..	...	3	2	1	108
11	6	4	4	2	2	5	14	6	6	7	9	8	7	2	2	7	1	5	3	4	8	5	7	5	9	..	2	2	10	4	17	4	32	840
3	3	...	5	..	2	..	2	2	1	..	2	...	2	..	1	2	1	..	2	..	..	..	5	..	2	..	2	1	..	2	1	4	11	239
2	2	2	2	2	3	..	6	1	1	2	7	1	2	3	2	4	5	..	1	..	2	..	3	4	2	1	..	2	2	...	2	2	13	283
1	1	...	2	1	...	..	2	..	..	..	..	1	...	2	..	1	..	..	..	..	2	..	4	..	..	..	2	1	2	1	3	...	18	132
...	...	...	2	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14
5	6	5	5	2	7	1	6	2	1	3	5	4	2	1	3	7	2	2	8	1	2	1	12	2	2	1	2	3	6	5	6	3	20	634
1	2	...	...	..	..	..	5	1	..	2	1	...	...	..	..	3	..	..	..	..	..	..	3	..	..	..	..	..	..	..	1	...	4	2	170
...	...	...	...	..	..	..	...	..	..	..	1	...	...	..	..	2	..	..	..	..	..	..	...	..	..	..	..	..	..	..	...	..	..	30
1	2	...	...	..	..	..	4	1	..	2	...	...	...	..	..	...	..	..	..	..	..	..	3	..	..	..	..	..	..	..	1	...	4	2	113
...	...	...	...	..	..	..	1	..	..	..	...	...	...	..	..	1	..	..	..	..	..	..	...	..	..	..	..	..	..	..	...	..	...	15
...	...	...	...	..	..	..	...	..	..	..	...	...	...	..	..	...	..	..	..	..	..	..	...	..	..	..	..	..	..	..	...	..	...	12
3	6	...	...	1	2	..	2	1	..	..	3	1	3	..	1	3	4	1	2	1	...	..	4	1	2	..	2	1	3	3	2	4	12	343
3	4	...	...	..	..	..	1	..	..	..	2	...	3	..	1	3	3	1	..	1	...	..	4	1	1	..	2	1	3	2	2	4	6	221
...	2	...	...	1	2	..	1	1	..	..	1	1	...	..	..	...	1	..	2	..	...	..	...	..	1	..	..	..	..	1	...	...	6	122
...	4	...	...	..	1	..	1	1	..	..	1	...	1	..	..	1	..	..	..	2	...	..	2	..	2	..	1	..	1	1	1	1	1	128
4	5	3	6	3	5	..	12	5	1	3	3	6	4	1	4	2	4	1	5	..	3	1	5	2	4	..	..	2	3	4	7	6	23	525
3	6	2	2	3	1	..	7	2	1	1	2	5	3	1	..	5	2	..	3	2	6	..	8	3	2	..	2	1	2	...	9	5	15	408
1	...	...	1	..	1	..	3	..	..	..	1	...	1	..	..	2	..	..	1	1	2	..	2	1	..	..	..	..	..	..	2	1	3	121
...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	..	1	..	...	...	...	...	...	...	...	...	1	...	...	34
2	5	1	1	3	..	..	4	2	1	1	1	5	2	1	..	2	2	..	1	1	3	..	6	2	2	..	2	1	2	...	6	4	12	233
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9
2	2	...	...	..	1	..	5	1	..	..	2	1	1	..	..	1	..	1	1	..	1	1	1	2	..	..	1	1	1	...	2	1	3	99
2	2	2	3	1	3	1	5	..	..	1	4	1	3	2	1	3	..	3	1	..	2	1	2	3	3	1	3	3	..	3	6	3	12	387
...	...	...	...	..	1	..	...	..	..	..	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	..	..	..	1	...	...	...	7
...	...	...	...	..	..	..	...	..	..	..	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	..	..	..	..	...	1	...	2
1	1	...	...	..	1	1	...	..	..	..	1	...	...	..	..	...	..	1	..	..	1	..	...	1	1	..	1	..	..	..	2	..	5	71
1	...	1	...	1	..	..	...	..	..	..	...	...	1	..	..	1	..	1	..	..	...	..	...	1	1	..	..	..	..	1	...	2	1	72
...	...	1	2	..	..	..	2	..	..	1	3	...	...	..	..	...	..	..	..	..	1	..	...	..	...	..	..	..	..	..	...	..	4	58
...	1	...	...	..	1	..	1	..	..	..	...	...	...	..	..	...	..	..	..	..	...	..	1	..	1	..	..	..	..	..	1	...	...	59
...	...	...	...	..	..	..	...	..	..	..	...	1	...	..	..	1	..	..	..	..	...	..	...	..	...	..	..	..	..	..	...	..	...	18
...	...	...	1	..	..	..	...	..	..	..	...	...	1	..	..	...	..	..	..	..	...	..	1	2	...	..	..	..	1	..	1	...	2	17
...	...	...	...	..	..	..	1	..	..	..	...	...	...	2	..	...	..	1	..	..	...	..	...	..	...	1	..	2	..	1	1	...	...	37
...	...	...	...	..	..	..	1	..	..	..	...	...	...	..	1	1	..	1	..	..	...	1	...	..	...	..	2	..	..	..	1	...	...	38
...	...	...	...	..	..	..	...	..	..	..	...	...	1	..	..	...	..	..	..	..	...	..	...	..	...	..	..	..	..	..	...	..	...	8
1	1	3	...	..	..	..	1	1	..	1	1	1	2	..	..	2	..	1	..	1	1	..	4	..	4	..	..	1	4	2	1	5	6	301
...	...	1	...	..	..	..	...	..	..	..	...	...	...	..	..	...	..	..	..	..	...	..	1	..	...	..	..	..	1	..	...	1	3	39
...	...	1	...	..	..	..	...	1	..	..	...	...	...	..	..	1	..	1	..	1	...	..	1	..	...	..	..	..	..	..	...	..	2	68
...	...	...	...	..	..	..	...	..	..	..	...	...	...	..	..	1	..	..	..	..	...	..	...	..	1	..	..	1	..	..	...	1	...	42
1	...	1	...	..	..	..	...	..	..	..	1	1	...	..	..	...	..	..	..	..	...	..	1	..	1	..	..	..	2	1	1	1	...	66
...	1	...	...	..	..	..	...	..	..	1	...	...	1	..	..	...	..	..	..	..	...	..	...	..	2	..	..	..	..	..	...	1	1	47
...	...	...	...	..	..	..	1	..	..	..	...	...	1	..	..	...	..	..	..	..	1	..	1	..	...	..	..	..	1	1	...	1	...	39
...	...	...	...	..	..	..	...	..	1	..	...	...	...	1	..	...	..	2	..	..	...	..	...	..	1	..	..	..	..	..	...	..	1	31
...	...	...	...	..	..	..	...	..	1	..	...	...	...	..	..	...	..	2	..	..	...	..	...	..	1	..	..	..	..	..	...	..	...	15
...	...	...	...	..	..	..	...	..	..	..	...	...	...	1	..	...	..	..	..	..	...	..	...	..	...	..	..	..	..	..	...	..	1	16
10	12	10	9	3	4	1	9	8	4	3	8	11	6	7	4	9	2	4	5	1	6	6	16	3	11	..	9	6	10	8	17	11	44	1109
1	...	3	...	1	...	...	2	2	...	...	1	1	...	1	1	...	1	1	...	...	2	..	5	..	2	..	1	..	1	..	3	2	4	183
1	1	...	2	..	1	...	...	...	...	...	...	3	...	..	1	1	...	...	...	...	1	..	...	..	1	..	1	..	...	1	...	...	1	41
8	6	3	3	1	3	1	4	4	2	2	5	4	5	5	1	4	2	1	2	1	2	4	8	1	4	..	3	4	9	2	10	6	25	566
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	12
...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	4
...	3	1	2	...	...	...	2	...	2	...	1	3	1	...	1	3	...	2	1	...	1	1	1	1	...	...	...	...	...	3	3	1	9	180
...	1	2	...	...	...	...	...	...	1	...	...	...	1	...	...	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1	2	31

TABLE 39—CAUSES OF DEATH FOR COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora
66B. Exophthalmic goitre	49	1	2	..	...	..	1	..	1	...	3	4	1	..	1	2	2	1	1	2	2	..
66C. Myxoedema, cretinism	1	..	..	..	...	..	..	..	..	...	..	..	..	..	..	..	..	..	..	..	..	..
66D. Tetany	3	..	..	..	...	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
66E. Others under this title	4	..	..	..	...	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
67. Diseases of the thymus gland	27	..	..	..	...	..	2	..	..	..	..	..	..	..	..	2	..	..	..	2	..	..
68. Diseases of the adrenals (Addison's disease)	3	..	..	..	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
69. Other general diseases	17	..	..	..	...	..	..	..	..	2	..	..	..	..	..	2	..	..	..	2	..	..
69A. Fatty or amyloid degeneration	14	..	..	..	...	..	..	..	..	2	..	..	..	..	..	2	..	..	..	2	..	..
69B. Steatosis	..	..	..	..	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
69C. Others under this title	3	..	..	..	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
CLASS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS																						
Total	215	1	2	..	3	2	1	3	1	6	7	9	..	2	5	18	2	..	3	2	6	..
70. Haemorrhagic conditions	5	..	..	..	...	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
70A. Simple purpura	2	..	..	..	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
70B. Haemophilia	3	..	..	..	...	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
71. Anaemia	161	1	2	..	2	2	1	2	1	3	5	6	..	1	5	16	1	..	3	2	4	..
71A. Pernicious anaemia	142	1	2	..	2	2	1	2	1	2	5	6	..	1	5	14	1	..	3	2	4	..
71B. Others under this title	19	..	..	..	...	..	..	..	..	1	..	..	..	..	..	2	..	..	..	..	..	..
72. Leukaemia and aleukaemia	43	..	..	..	1	..	..	1	..	2	2	3	..	1	..	2	..	..	..	..	1	..
72A. Leukaemia	29	..	..	..	1	..	..	..	..	2	2	2	..	1	..	1	..	..	..	..	..	..
72B. Aleukaemia (Hodgkin's disease)	14	..	..	..	...	..	..	1	..	..	..	1	..	..	..	1	..	..	..	..	1	..
73. Diseases of the spleen	6	..	..	..	...	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..
74. Other diseases of the blood and blood-forming organs	..	..	..	..	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
CLASS V.—CHRONIC POISONINGS AND INTOXICANTS																						
Total	20	..	..	1	...	..	2	..	..	...	1	...	..	..	..	...	..	..	1	1	...	..
75. Alcoholism	17	..	..	1	...	..	2	..	..	...	1	...	..	..	..	...	..	..	1	1	...	..
75A. Delirium tremens	..	..	..	..	...	..	..	..	..	...	..	...	..	..	..	...	..	..	..	..	...	..
75B. Other alcoholic intoxicants	17	..	..	1	...	..	2	..	..	...	1	...	..	..	..	...	..	..	1	1	...	..
76. Chronic poisoning, by other organic substances	2	..	..	..	...	..	..	..	..	...	..	...	..	..	..	...	..	..	..	..	...	..
76A. Chronic morphinism	..	..	..	..	...	..	..	..	..	...	..	...	..	..	..	...	..	..	..	..	...	..
76D. Other organic poisoning	2	..	..	..	...	..	..	..	..	...	..	...	..	..	..	...	..	..	..	..	...	..
77. Chronic poisoning by mineral substances	1	..	..	..	...	..	..	..	..	...	..	...	..	..	..	...	..	..	..	..	...	..
77A. Lead (including occupational)	1	..	..	..	...	..	..	..	..	...	..	...	..	..	..	...	..	..	..	..	...	..
77B. Occupational, except lead	..	..	..	..	...	..	..	..	..	...	..	...	..	..	..	...	..	..	..	..	...	..
77C. Others under this title	..	..	..	..	...	..	..	..	..	...	..	...	..	..	..	...	..	..	..	..	...	..
CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE																						
Total	809	5	5	18	25	9	9	10	5	7	20	16	13	4	11	40	4	4	11	20	22	2
78. Encephilitis (non-epidemic)	7	..	..	..	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..
79. Simple meningitis	10	..	1	..	...	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..
80. Progressive locomotor ataxia (tabes dorsalis)	10	..	..	..	...	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
81. Other diseases of the spinal cord	38	..	..	..	1	..	..	..	1	..	1	..	..	..	..	3	..	1	1	1	..	..
82. Cerebral hemorrhage, cerebral embolism and thrombosis	425	1	2	12	20	6	2	3	2	4	14	8	2	3	7	21	3	1	8	10	12	1
82A. Cerebral hemorrhage	345	1	2	12	16	6	..	2	1	4	13	6	2	1	7	18	2	1	5	10	11	1
82B. Cerebral embolism and thrombosis	48	..	..	..	3	..	..	..	..	..	1	2	..	2	..	2	1	..	1	..	1	..
82C. Softening of the brain	4	..	..	..	...	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..
82D. Hemiplegia and other paralysis, cause not specified	28	..	..	..	1	..	2	1	1	..	..	..	..	..	..	1	..	..	1	..	..	..
83. General paralysis of the insane	34	1	..	1	...	..	..	..	..	1	..	..	1	..	..	1	..	..	..	1	..	..
84. Dementia praecox and other psychoses	56	..	..	..	1	..	..	2	..	..	..	..	7	1	..	..	..	..	..	1	2	..
84A. Dementia praecox	35	..	..	..	1	..	..	..	..	..	..	..	6	..	..	..	..	..	..	1	1	..
84B. Other psychoses	21	..	..	..	...	..	..	2	..	..	..	..	1	1	..	..	..	..	..	..	1	..
85. Epilepsy	43	2	..	2	...	..	..	..	..	..	..	..	1	..	1	5	..	1	..	2	2	..
86. Convulsions (under 5 years of age)	30	..	..	..	...	..	3	..	..	..	..	4	..	..	..	2	..	..	..	..	..	..
87. Other diseases of the nervous system	129	1	2	2	3	2	1	4	1	2	4	3	2	..	2	6	1	1	1	4	3	1
87A. Chorea	4	..	..	..	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
87B. Neuralgia and neuritis	10	1	..	..	...	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..
87C. Paralysis agitans	56	..	..	1	3	1	..	3	1	1	1	2	2	..	..	1	1	..	..	2	3	1
87D. Sclerosis (other than of the spinal cord)	37	..	1	1	...	1	..	1	..	1	2	..	..	..	2	4	..	1	1	..	..	1
87E. Others under this title	22	..	1	..	...	..	1	..	..	..	..	1	..	..	..	1	..	..	..	1	..	..

CITIES AND TOWNS OF 5,000 AND OVER)—ONTARIO, 1936—Continued

Kent	Lambton	Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	Grand total, including cities and towns
...	1	...	2	..	..	..	2	..	1	..	1	3	...	..	1	1	..	..	..	..	..	..	1	..	..	..	..	..	..	3	3	...	6	130
...	...	...	...	..	..	..	...	..	...	..	...	...	...	..	...	...	..	..	..	..	...	1	...	..	..	..	..	..	..	...	...	...	...	2
...	...	...	...	..	..	..	...	..	...	..	...	...	...	..	...	...	..	1	..	..	...	..	...	..	1	..	..	..	..	...	...	...	...	8
...	...	...	...	..	..	..	...	..	...	..	...	...	...	..	...	1	..	..	..	..	...	..	...	1	..	..	..	..	..	...	...	...	...	9
...	1	1	...	..	..	..	...	1	..	1	1	...	...	1	...	...	..	..	..	..	...	..	1	1	1	..	4	1	..	2	...	1	4	71
...	...	...	...	1	..	..	...	..	...	..	...	...	...	..	...	...	..	..	..	..	...	..	1	..	..	..	..	1	..	...	...	...	...	10
...	1	1	2	..	..	..	1	..	...	..	...	...	...	1	...	...	..	..	1	..	...	..	1	..	..	..	..	..	..	...	1	1	1	40
...	...	1	2	..	..	..	1	..	...	..	...	...	...	1	...	...	..	..	..	..	...	..	1	..	..	..	..	..	..	...	1	...	1	23
...	...	...	...	..	..	..	...	..	...	..	...	...	...	..	...	...	..	..	..	..	...	..	...	..	..	..	..	..	..	...	...	...	...	1
...	1	...	...	..	..	..	...	..	...	..	...	...	...	..	...	...	..	1	..	..	...	..	...	..	..	..	..	..	..	...	...	1	...	16
3	9	7	6	1	3	..	9	2	3	2	7	4	7	1	1	4	4	2	6	1	4	3	11	1	2	..	4	3	3	4	7	4	14	509
...	...	...	...	..	..	..	...	..	...	..	...	...	1	..	..	...	..	..	..	..	...	..	...	..	..	..	2	..	..	1	...	...	...	17
...	...	...	...	..	..	..	...	..	...	..	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	1	..	..	1	...	...	...	14
...	...	...	...	..	..	..	...	..	...	..	...	...	1	..	..	...	..	..	..	..	...	..	...	..	..	1	..	..	..	..	...	...	...	3
2	7	5	6	..	1	..	7	2	2	1	7	2	4	1	1	3	3	1	5	1	4	3	10	..	1	..	2	2	3	3	4	3	8	315
2	6	5	3	..	1	..	6	1	2	1	7	2	4	1	..	3	3	..	5	1	2	3	8	..	1	..	2	2	2	3	3	3	6	276
...	1	...	3	..	..	..	1	1	..	..	..	..	..	..	1	..	..	1	..	..	2	..	2	..	..	..	..	..	1	..	1	..	2	39
1	2	2	...	1	1	..	1	..	1	1	...	2	2	..	..	1	1	1	1	..	..	..	1	1	..	..	..	1	..	..	3	1	5	153
...	...	2	...	1	1	..	1	..	1	1	...	2	2	..	..	1	1	1	1	..	..	..	1	..	..	..	..	1	..	..	2	...	1	115
1	2	...	...	..	..	..	...	..	...	..	...	...	...	..	..	...	...	...	...	..	...	..	...	1	..	..	..	..	..	..	1	1	4	38
...	...	...	...	..	1	..	1	..	...	..	...	...	...	..	..	...	...	...	...	..	...	..	...	..	1	..	..	..	..	..	...	...	1	17
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...	1	1	...	..	..	..	...	2	..	1	...	...	...	1	..	...	...	...	...	..	...	..	...	..	1	1	1	...	..	1	1	1	2	88
...	1	1	...	..	..	..	...	2	..	1	...	...	...	1	..	...	...	...	...	..	...	..	...	..	..	1	1	..	..	1	1	...	1	62
...	...	...	...	..	..	..	...	..	...	..	...	...	...	..	..	...	...	...	...	..	...	..	...	..	..	..	..	..	..	..	..	...	...	3
...	1	1	...	..	..	..	...	2	..	1	...	...	...	1	..	...	...	...	...	..	...	..	...	..	..	1	1	...	..	1	1	...	1	59
...	...	...	...	..	..	..	...	..	...	..	...	...	...	..	..	...	...	...	...	..	...	..	...	..	1	..	..	..	..	...	...	1	...	13
...	...	...	...	..	..	..	...	..	...	..	...	...	...	..	..	...	...	...	...	..	...	..	...	..	..	..	..	..	..	..	..	..	...	6
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...	...	...	...	..	..	..	...	..	...	..	...	...	...	..	..	...	...	...	...	..	...	..	...	..	..	..	..	..	..	..	..	..	1	11
...	...	...	...	..	..	..	...	..	...	..	...	...	...	..	..	...	...	...	...	..	...	..	...	..	..	..	..	..	..	..	..	..	...	1
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20	28	13	28	6	10	3	32	6	13	8	15	13	24	10	7	15	9	14	6	5	14	9	34	9	15	4	11	15	7	8	21	51	66	1789
...	...	...	...	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	...	1	41
...	...	...	...	..	..	..	...	..	2	..	..	..	..	..	..	..	..	1	..	..	..	..	...	1	1	..	1	..	..	..	...	...	1	43
...	2	...	1	..	..	..	...	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	2	..	..	..	1	..	23
3	2	1	...	..	1	..	2	..	..	..	..	..	2	..	2	...	2	1	..	..	1	1	1	1	1	..	..	1	..	..	1	1	5	88
11	13	6	10	5	6	..	14	2	6	4	13	7	18	7	3	10	5	7	2	3	6	4	14	7	7	3	6	7	5	5	15	16	36	839
6	11	6	9	4	6	..	11	1	5	4	12	7	11	6	2	7	3	5	2	2	3	4	10	7	6	2	6	4	2	4	14	13	29	658
2	2	...	1	1	..	..	3	..	1	..	..	..	6	..	..	3	1	..	..	1	3	..	3	..	1	1	..	1	1	1	..	2	1	100
1	...	...	...	..	..	..	...	..	...	..	...	...	1	..	..	...	...	...	...	..	...	..	...	..	...	..	..	1	..	..	..	...	...	9
2	...	...	...	..	..	..	...	1	..	..	1	...	...	1	1	...	1	2	..	..	...	..	1	..	...	..	..	1	2	..	1	1	6	72
...	...	...	10	..	..	..	3	..	..	1	..	..	...	..	..	...	..	...	..	..	...	..	1	..	...	..	..	..	..	..	..	12	1	80
1	...	...	6	..	..	..	7	..	..	..	..	..	1	1	1	...	..	...	..	..	...	..	1	..	1	..	1	1	..	1	1	18	1	156
...	...	...	1	..	..	..	7	..	..	..	..	..	...	..	..	...	..	...	..	..	...	..	...	..	...	..	..	1	..	1	..	15	1	112
1	...	...	5	..	..	..	...	..	..	..	..	..	1	1	1	...	..	...	..	..	...	..	1	..	1	..	1	..	..	..	1	3	..	44
2	1	3	...	..	1	1	...	2	2	..	..	1	...	..	..	...	..	...	..	..	2	1	6	..	1	..	..	..	..	1	..	1	2	80
1	...	...	...	1	..	..	...	..	3	..	2	..	...	..	1	1	..	1	..	1	1	2	...	..	2	..	2	..	1	1	...	...	1	39
2	8	3	1	..	2	1	3	1	..	3	...	5	3	2	..	2	2	4	2	1	3	..	10	..	2	..	1	3	1	..	3	2	13	268
...	1	...	...	..	..	..	1	..	...	..	...	...	...	..	..	...	..	...	..	..	...	..	...	..	...	..	..	..	..	..	..	1	1	5
...	1	...	...	..	..	1	...	..	...	1	...	1	...	1	..	...	..	...	..	..	1	..	...	..	...	..	..	..	..	..	..	...	1	20
1	3	3	1	..	1	..	2	1	..	..	..	4	2	1	..	1	..	1	1	1	...	..	1	..	1	..	..	3	..	..	2	..	4	116
1	2	...	...	..	1	..	...	..	..	2	...	...	1	..	..	...	1	2	..	..	1	..	3	..	1	..	..	..	..	..	1	..	5	76
...	1	...	...	..	..	..	...	..	..	..	...	...	...	..	..	1	1	1	1	..	1	..	6	..	..	..	1	..	1	..	..	1	2	51

TABLE 39—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora
88. Diseases of the organs of vision	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..
89. Diseases of the ear and mastoid process	22	..	..	1	..	1	2	1	1	..	1	1	..	..	..	..	..	..	..	..	..	..
89A. Otitis	15	..	..	1	..	..	..	1	1	..	1	1	..	..	..	..	..	..	..	..	..	..
89B. Diseases of the mastoid process	7	..	..	..	..	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
89C. Others under this title	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM																						
Total	5557	35	61	87	204	96	43	56	74	142	119	139	81	50	65	172	115	23	79	133	205	19
90-95. Diseases of the heart	3267	20	45	46	122	55	31	34	44	60	68	77	46	26	35	98	68	18	44	78	108	13
90. Pericarditis	4	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
91. Acute endocarditis	26	..	..	..	..	..	2	..	..	1	..	..	..	2	..	..	..	..	..	..	1	..
91A. Endocarditis specified as acute	18	..	..	..	..	..	2	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..
91B. Endocarditis unspecified (under 45 years of age)	8	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..
92. Chronic endocartis, valvular diseases	602	3	11	4	17	9	10	4	11	12	13	14	7	11	8	25	10	6	10	9	15	4
92A. Endocarditis specified as chronic and other valvular diseases	482	3	8	1	14	6	7	4	10	9	8	9	5	5	8	21	7	5	6	9	12	4
92B. Endocarditis, unspecified (45 years and over	120	..	3	3	3	3	3	..	1	3	5	5	2	6	..	4	3	1	4	..	3	..
93. Diseases of the myocardium	1130	10	19	21	53	21	10	12	16	23	22	33	18	4	9	30	20	6	17	29	26	2
93A. Acute myocarditis	47	..	1	..	2	..	1	..	2	1	1	2	..	1	1	1	..	..	1	3	..	..
93B. Myocarditis, unspecified (under 45 years of age)	19	..	..	1	3	1	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
93C. Chronic myocarditis and myocardial degeneration	671	7	13	12	31	13	4	10	10	14	10	18	17	3	7	14	10	6	13	19	12	1
93D. Myocarditis, unspecified (45 years and over)	393	3	5	8	17	7	4	2	4	8	11	12	1	..	1	15	10	..	3	7	14	1
94. Diseases of the coronary arteries and angina pectoris	1265	5	15	15	38	20	7	16	12	21	29	25	19	8	14	35	32	6	14	30	58	5
94A. Diseases of the coronary arteries	60	..	..	1	..	1	..	7	1	2	1	3	3	..	1	4	1	..	1	..	3	..
94B. Embolism and thrombosis of the coronary arteries	925	4	11	10	34	14	5	8	6	15	16	17	11	4	10	28	23	4	11	16	34	4
94C. Angina pectoris	280	1	4	4	4	5	2	1	5	4	12	5	5	4	3	3	8	2	2	14	21	1
95. Other diseases of the heart	240	2	..	5	14	5	2	2	5	3	4	5	2	1	3	8	6	..	3	10	8	2
95A. Functional diseases of the heart	43	..	..	1	1	1	1	1	1	1	2	..	1	..	2	1	..	..	..	3	..	..
95. Other and unspecified	197	2	..	4	13	4	1	1	4	2	2	5	1	1	1	7	6	..	3	7	8	2
96. Aneurysm (except of the heart)	29	1	..	1	..	1	..	..	..	1	..	..	..	..	..	1	..	..	..	3	2	..
97. Arteriosclerosis (of coronary arteries excepted)	1922	13	15	33	71	38	9	21	27	67	44	52	32	19	28	67	41	1	30	43	68	3
98. Gangrene	38	..	..	..	1	..	..	1	1	2	1	4	..	1	..	1	1	..	..	2	5	..
99. Other diseases of the arteries	16	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	4	..
100. Diseases of the veins (varices, haemorrhoids, phlebitis, etc.)	16	..	..	1	..	..	..	..	..	1	..	1	1	..	..	..	..	..	..	..	1	..
101. Diseases of the lymphatic system (lymphangitis, etc.)	3	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..
102. Idiopathic abnormalities of blood pressure	265	1	1	6	10	2	2	..	2	9	5	5	2	4	2	5	5	4	5	7	17	3
103. Other disease of the circulatory system	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM																						
Total	1276	7	13	20	26	21	36	22	14	20	26	28	18	17	19	36	14	8	10	45	32	10
104. Diseases of the nasal fossae and annexa	9	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
105. Diseases of the larynx	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
105A. Croup	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
105B. Other diseases of the larynx	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
106. Bronchitis	59	1	..	..	2	..	..	2	4	1	2	1	1	1	1	1	2	..	1	2	..	..
106A. Acute	19	..	..	..	2	..	..	..	1	1	..	..	1	..	..	..	1	..	..	1	..	..
106B. Chronic	24	1	..	..	..	..	..	2	1	..	1	1	..	..	..	..	1	..	1	1	..	..
106C. Unspecified	16	..	..	..	..	..	..	..	2	..	1	..	..	1	1	1	..	..	..	..	..	..
107. Bronchopneumonia	493	3	3	12	11	7	19	7	3	9	9	6	2	6	7	14	3	4	5	17	14	4
107A. Bronchopneumonia	491	3	3	12	11	7	18	7	3	9	9	6	2	6	7	14	3	4	5	17	14	4
107B. Capillary bronchitis	2	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
108. Lobar pneumonia	389	2	8	4	6	7	8	9	1	6	4	14	4	4	6	13	3	3	3	11	9	1
109. Pneumonia, unspecified	168	1	1	..	7	4	7	1	2	1	8	5	10	2	1	3	3	..	..	10	2	3
110. Pleurisy	23	..	..	..	..	..	1	1	3	..	..	..	..	1	..	1	2	..	..	2	1	2
111. Congestion and haemorrhagic infarct of the lung, etc	33	..	..	..	..	..	..	1	1	..	1	..	1	2	2	3	..	..	..	1	..	..
111A. Pulmonary embolism and thrombosis	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..
111b. Others under this title	31	..	..	..	..	..	..	1	1	..	1	..	1	2	2	2	..	..	..	1	..	..

CITIES AND TOWNS OF 5,000 AND OVER)—ONTARIO, 1936—Continued

Kent	Lambton	Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	Grand total, including cities and towns
...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16
...	1	...	...	...	...	...	1	1	...	...	...	...	...	...	...	2	...	...	1	...	...	...	1	...	...	1	...	1	...	...	...	...	5	116
...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	2	...	...	1	...	...	...	1	...	...	1	...	...	...	...	...	...	3	61
...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	2	54
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
157	162	114	125	27	89	33	198	60	37	88	106	116	147	68	73	144	79	39	93	18	109	45	191	71	57	34	42	68	96	104	151	119	499	11815
92	98	65	70	14	59	22	111	33	24	38	55	71	91	50	40	83	49	20	58	12	71	36	112	46	44	30	36	45	37	56	82	65	316	7053
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	7
3	...	2	...	...	1	...	...	1	...	...	...	1	...	1	...	...	...	...	...	...	...	1	1	...	1	...	2	1	...	...	...	1	4	79
2	...	2	...	...	1	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	1	1	...	...	...	1	1	...	...	...	...	3	60
1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	1	1	19
17	14	11	15	5	10	4	7	7	11	7	11	10	17	4	5	14	8	1	10	5	24	6	22	9	12	3	2	7	9	12	35	9	46	1084
11	11	11	13	3	8	4	5	5	1	3	11	10	10	4	3	13	8	..	10	4	21	6	19	7	12	3	2	6	7	12	32	8	38	874
6	3	...	2	2	2	...	2	2	10	4	...	...	7	...	2	1	...	1	...	1	3	...	3	2	...	...	...	1	2	...	3	1	8	210
27	32	24	24	3	18	12	46	15	3	7	27	19	33	28	11	35	25	8	20	2	27	24	37	22	15	2	14	13	10	18	14	18	96	2315
1	2	...	2	..	..	..	3	1	...	..	1	...	1	1	1	3	..	1	..	..	..	..	..	..	..	1	1	1	2	1	..	..	7	107
...	1	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	1	...	...	...	...	2	1	1	...	3	..	1	...	...	...	...	39
14	22	17	21	3	10	10	14	13	1	2	16	15	20	18	7	26	19	4	7	..	15	17	24	6	9	1	6	8	4	7	5	7	59	1372
12	7	7	1	..	8	2	29	1	1	5	10	4	11	9	3	6	6	2	13	2	12	7	11	15	5	..	4	4	3	10	9	11	30	797
40	43	24	26	6	29	3	50	10	5	22	14	35	32	13	22	25	14	6	25	2	15	4	47	14	12	25	14	20	15	22	26	28	153	3104
...	1	...	...	1	..	...	...	1	..	...	...	...	2	..	1	1	3	..	1	..	...	..	2	..	..	6	..	..	..	3	2	..	7	163
33	36	22	20	2	24	2	38	6	2	17	10	29	15	11	16	20	7	3	19	2	10	..	35	10	10	14	11	13	12	16	21	25	129	2456
7	6	2	6	3	5	1	12	3	3	5	4	6	15	2	5	4	4	3	5	..	5	4	10	4	2	5	3	7	3	3	3	3	17	485
5	8	4	5	..	1	3	8	..	5	2	3	6	9	4	2	9	2	5	3	3	5	1	5	1	4	..	4	4	3	4	7	9	16	464
2	1	1	...	..	1	1	1	..	2	1	...	1	1	...	...	4	...	...	...	...	...	...	...	...	...	...	2	1	..	1	3	..	4	89
3	7	3	5	...	..	2	7	..	3	1	3	5	8	4	2	5	2	5	3	3	5	1	5	1	4	..	2	3	3	3	4	9	12	375
2	1	...	...	1	...	..	1	...	...	...	...	...	1	1	...	...	...	...	...	...	3	...	...	...	1	...	...	...	...	3	1	2	2	75
54	54	37	53	12	21	6	74	24	12	41	45	40	49	16	30	52	25	17	31	4	27	9	70	22	8	3	3	20	51	36	60	50	144	3844
..	3	1	1	..	2	..	1	..	..	1	1	...	1	..	...	1	1	...	...	...	...	...	1	1	...	...	1	..	...	...	...	...	2	77
...	...	1	...	..	1	..	1	1	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	1	1	...	1	42
1	1	...	...	...	...	...	1	..	...	...	...	...	1	..	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	..	...	1	3	52
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	..	11
8	5	10	1	..	6	5	9	2	1	7	5	5	4	1	1	8	4	2	4	2	7	..	8	1	5	1	2	3	5	8	6	1	31	660
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
32	36	21	32	11	20	5	47	22	26	18	26	19	19	18	13	27	9	13	27	7	21	12	27	17	45	4	23	16	23	23	35	39	101	3049
...	...	2	...	...	...	...	...	1	...	...	1	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	49
...	1	...	...	1	...	...	...	...	...	1	1	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	1	...	1	24
...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	4
...	1	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	1	20
...	3	1	4	..	4	...	...	2	1	...	2	1	...	...	...	1	1	...	1	1	3	1	1	1	1	...	1	...	2	...	1	1	3	93
...	1	...	1	..	3	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	1	...	...	...	1	...	1	...	...	...	1	...	1	30
...	1	1	1	..	1	...	...	1	1	...	...	...	...	...	...	1	1	...	1	1	1	1	1	...	...	...	...	...	1	...	...	1	1	39
...	1	...	2	...	...	...	...	1	...	...	1	1	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	1	...	...	...	1	24
13	11	3	21	2	4	..	22	5	14	8	8	6	8	10	6	11	6	8	6	3	7	3	6	7	17	2	10	6	8	6	12	23	46	1260
13	11	3	21	2	3	..	22	5	14	8	8	6	8	10	6	11	6	8	6	3	7	3	6	7	17	2	10	6	8	6	12	23	46	1258
...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
8	13	11	4	5	8	1	11	8	8	5	11	9	4	4	4	6	..	3	13	2	6	6	11	4	15	2	7	7	11	11	10	10	25	970
4	4	1	1	2	2	4	8	1	3	1	1	2	4	2	1	8	1	..	1	..	4	1	4	2	9	..	3	2	1	3	6	3	8	290
...	1	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	2	...	2	67
..	2	1	1	..	...	...	1	...	...	...	...	1	1	...	...	...	1	..	1	...	...	...	1	3	2	...	...	1	1	...	1	...	3	66
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	6
..	2	1	1	...	...	...	1	...	...	...	...	1	1	...	...	...	1	..	1	...	...	...	1	3	2	...	...	1	1	...	1	...	2	60

TABLE 39—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora
112. Asthma	82	..	1	4	...	3	1	1	..	3	1	1	..	1	1	1	1	1	1	2	6	
113. Pulmonary emphysema	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
114. Other diseases of the respiratory system (tuberculosis excepted)	11	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
114A. Chronic interstitial pneumonia including occupational diseases of the respiratory system	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
114C. Others under this title	8	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM																						
Total	793	5	13	16	27	6	22	6	6	19	11	20	6	10	6	20	14	1	4	26	30	11
115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils (including adenoid vegetations)	86	..	2	1	2	..	..	..	..	4	3	5	..	1	2	1	3	..	..	..	..	3
115A. Diseases of the buccal cavity and annexa	29	..	2	..	..	..	..	..	..	2	1	1	..	1	1	..	1	..	..	..	..	..
115B. Diseases of the tonsils	28	..	..	..	..	..	..	..	..	..	..	4	..	..	1	..	..	..	..	..	..	1
115C. Others under this title	29	..	..	1	2	..	..	..	..	2	2	..	..	..	..	1	2	..	..	..	..	2
116. Diseases of the oesophagus	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
117. Ulcer of the stomach or duodenum	72	..	3	1	1	2	1	..	3	3	..	2	2	..	1	3	..	..	..	2	4	1
117A. Ulcer of the stomach	50	..	1	..	1	1	1	..	2	3	..	1	2	..	..	2	..	..	..	1	3	1
117B. Ulcer of the duodenum	22	..	2	1	..	1	..	..	1	..	..	1	..	..	1	1	..	..	..	1	1	..
118. Other diseases of the stomach	43	..	..	1	..	1	1	..	..	2	1	1	1	1	1	2	1	..	..	4	2	..
119. Diarrhoea and enteritis (under 2 years of age)	146	2	3	7	6	..	9	..	..	..	1	4	..	2	1	1	..	..	1	7	1	2
120. Diarrhoea and enteritis (2 years and over)	58	..	..	2	..	1	..	..	1	1	1	1	..	2	1	3	1	1	..	1	2	..
120A. Diarrhoea and enteritis	42	..	..	1	..	1	..	..	..	..	1	1	..	1	1	3	1	1	..	1	2	..
120B. Ulceration of the intestines	16	..	..	1	1	..	..	..	..	1	1	..	..	1	..	..	..	..	..	..	..	..
121. Appendicitis	85	..	3	..	4	..	4	3	..	2	..	..	1	..	..	1	5	..	..	2	6	3
122. Hernia, intestinal obstruction	110	..	1	2	8	1	4	3	1	3	1	3	1	2	..	4	2	..	1	4	6	2
122A. Hernia	40	..	..	..	4	..	..	2	..	1	2	..	..	..	..	1	..	..	..	1	2	1
122B. Intestinal obstruction	70	..	1	2	4	1	4	1	1	3	..	1	1	2	..	4	1	..	1	3	4	1
123. Other diseases of the intestines	23	1	1	..	..	1	..	..	..	..	1	..	..	1	..	..	..	..	..	1	1	..
124. Cirrhosis of the liver	48	2	..	..	3	..	..	..	..	2	..	1	..	..	..	1	1	..	1	1	1	..
124A. Specified as alcoholic	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..
124B. Not specified as alcoholic	45	2	..	..	3	..	..	..	..	2	..	1	..	..	..	..	1	..	1	1	1	..
125. Other diseases of the liver	17	..	..	..	..	..	1	..	..	..	1	1	..	..	..	..	1	..	..	..	1	..
125A. Yellow atrophy of the liver	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
125B. Others under this title	16	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	1	..	..	..	1	..
126. Biliary calculi	39	..	..	..	2	..	..	..	..	2	1	1	..	1	..	1	..	..	1	3	2	..
127. Other diseases of the gall-bladder and biliary passages	52	..	..	2	1	..	1	..	1	..	1	1	1	..	..	2	..	..	..	1	3	..
128. Diseases of the pancreas	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
129. Peritonitis, cause not specified	5	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..
CLASS X.—DISEASES OF THE GENITO-URINARY SYSTEM																						
Total	1237	4	17	14	35	19	20	5	16	18	30	24	14	25	16	44	14	..	15	31	60	7
130. Acute nephritis (including unspecified, under 10 years of age)	36	..	4	..	1	1	2	..	1	..	..	..	..	1	..	1	1	..	..	1	..	..
131. Chronic nephritis	663	3	6	8	20	9	12	2	8	8	19	12	10	17	10	14	5	..	8	21	31	3
132. Nephritis, unspecified (10 years and over)	227	..	5	3	6	3	2	..	4	3	6	6	2	4	5	7	..	..	4	5	10	1
133. Other diseases of the kidneys and ureters	48	..	1	..	3	..	..	2	..	2	2	2	1	..	..	2	..	..	..	..	3	1
134. Calculi of the urinary passages	9	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..
135. Diseases of the bladder (tumours cepted)	26	..	..	..	1	2	..	..	1	..	..	..	..	..	..	1	1	..	1	..	2	1
136. Diseases of the urethra, urinary abscess, etc.	7	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
136A. Stricture of the urethra	5	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
136B. Others under this title	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
137. Diseases of the prostate	205	1	1	3	3	3	2	1	2	4	3	4	..	3	1	19	7	..	1	4	13	1
138. Diseases of the male genital organs (not specified as venereal)	3	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
139. Diseases of the female genital organs (not specified as venereal)	13	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	1	..
139A. Of the ovary, Fallopian tube and parametrium	6	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..
139B. Of the uterus	7	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..
139C. Of the breast	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

CITIES AND TOWNS OF 5,000 AND OVER)—ONTARIO, 1936—Continued

Kent	Lambton	Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Timiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	Grand total, including cities and towns
7	1	1	1	1	2	..	3	1	..	3	2	...	1	1	2	1	..	1	2	..	...	1	4	..	1	..	1	..	..	3	2	2	9	180
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
...	...	1	...	...	...	...	1	3	..	..	...	...	1	..	...	...	...	...	...	...	1	..	...	...	...	...	1	..	...	...	...	2	47
...	...	...	...	...	...	...	...	1	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	10
...	...	1	...	...	...	...	1	2	..	...	...	...	1	..	...	...	...	...	...	...	1	..	...	...	...	...	1	..	...	...	...	...	37
18	24	14	13	6	8	10	31	8	29	10	9	11	18	10	5	28	12	13	11	4	9	7	34	8	25	5	17	3	3	13	31	14	53	2447
5	4	2	2	..	2	..	2	2	1	..	2	2	4	1	..	2	1	1	..	..	...	1	4	..	6	1	1	..	..	2	4	5	2	218
2	3	1	1	..	2	..	..	..	..	..	1	2	..	..	..	1	..	1	..	..	..	..	1	..	2	1	..	..	..	..	1	1	...	67
3	1	..	..	..	..	..	1	..	..	..	1	...	2	..	..	..	1	..	..	..	..	1	3	..	..	..	..	..	..	2	3	4	...	69
...	...	1	1	..	..	..	1	2	1	..	...	...	2	1	..	1	..	..	..	..	..	..	..	..	4	..	1	..	..	..	..	..	2	82
...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	7
...	2	2	..	..	..	..	1	1	..	3	...	1	2	1	..	5	1	1	..	1	2	..	5	..	..	2	1	..	..	1	4	1	6	274
...	2	2	..	..	..	..	..	..	..	3	...	1	1	1	..	4	1	1	..	1	2	..	3	..	..	2	..	..	..	1	3	..	3	153
...	..	..	..	..	..	..	1	1	..	..	..	..	1	..	..	1	..	..	..	..	..	..	2	..	..	..	1	..	..	..	1	1	3	121
...	3	...	2	1	1	1	1	..	..	..	..	3	...	1	1	2	1	1	..	..	..	..	..	..	..	..	..	1	..	..	2	...	3	64
3	3	2	2	1	1	5	6	2	22	1	1	1	1	2	1	3	..	4	1	..	1	1	4	3	14	1	4	..	..	2	2	2	3	362
3	...	1	...	1	..	2	2	..	1	..	1	...	1	..	..	2	2	..	2	1	1	2	7	1	1	..	1	..	..	3	1	...	4	162
1	...	1	...	..	..	2	1	..	1	..	...	...	1	..	..	2	2	..	2	..	1	2	7	1	1	..	..	..	..	2	..	...	1	100
2	...	...	...	1	...	...	1	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	1	1	...	3	62
...	1	4	...	1	..	1	3	1	2	..	...	...	2	2	..	5	2	1	3	1	1	..	2	..	..	1	3	..	..	8	..	7	383
4	2	...	3	..	..	..	6	1	..	2	2	1	4	1	2	2	3	1	3	..	2	..	4	..	..	..	3	..	..	3	1	11	391
3	1	..	..	..	..	..	1	1	..	1	..	..	3	1	1	..	..	1	3	..	..	..	3	..	..	..	..	..	..	..	..	1	6	168
1	1	...	3	..	..	..	5	..	..	1	2	1	1	..	1	2	3	..	..	..	2	..	1	..	..	3	..	..	..	3	..	..	5	223
...	..	..	1	1	1	..	2	..	..	..	1	..	..	..	..	2	..	1	..	..	..	..	..	..	1	..	1	1	..	..	2	1	1	59
...	3	2	1	..	3	1	..	..	..	..	..	2	3	..	..	1	..	2	..	..	..	1	2	4	1	..	1	1	1	1	1	1	3	119
...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	7
...	3	2	1	..	3	1	..	..	..	..	..	2	3	..	..	1	..	1	..	..	..	1	2	4	1	..	..	1	1	1	1	1	3	112
...	..	..	..	..	..	..	1	..	..	1	1	..	..	..	..	1	..	..	1	..	..	..	1	..	1	..	1	..	..	1	1	...	2	52
...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	13
...	..	..	..	..	..	..	1	..	..	1	1	..	..	..	..	1	..	1	..	..	..	..	1	..	1	..	1	..	..	1	1	...	2	39
2	4	1	1	..	..	..	2	..	..	..	..	..	..	1	..	1	1	1	..	..	..	1	1	..	..	..	..	..	1	2	2	...	4	148
1	2	...	1	1	..	..	4	1	..	3	1	1	1	1	1	2	1	..	1	1	...	1	3	..	..	..	..	..	1	1	1	2	6	166
...	..	..	..	..	..	..	1	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	1	...	13
...	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	29
35	49	28	29	12	21	7	59	11	13	17	22	17	21	33	19	35	9	11	25	11	29	15	46	17	17	3	14	9	22	18	35	20	80	2716
...	...	...	2	1	..	1	2	1	..	.	...	...	...	...	1	...	1	..	...	..	3	1	...	2	2	..	2	..	1	1	1	...	1	70
24	26	21	16	8	12	5	37	7	8	6	15	11	12	27	5	23	4	2	11	5	10	9	29	10	7	2	1	2	10	10	17	9	36	1367
4	9	2	3	2	6	..	16	1	5	2	3	4	5	1	8	6	1	5	1	3	8	1	4	2	3	1	5	4	3	3	3	8	19	455
1	2	...	2	..	..	1	1	..	..	2	1	1	1	3	..	2	1	1	..	..	..	..	3	..	1	..	..	..	..	..	..	1	5	135
1	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	2	...	...	...	1	...	...	...	...	...	...	...	...	...	1	49
...	1	1	1	..	..	..	..	1	..	1	...	1	..	..	..	..	..	..	..	..	1	..	2	..	..	..	1	1	1	...	..	1	3	68
...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	1	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	1	29
...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	1	20
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9
3	11	3	5	1	3	..	3	1	..	5	2	...	3	1	4	3	2	2	11	3	6	4	6	3	4	..	3	2	6	4	12	1	12	473
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	..	1	...	...	...	...	...	...	...	...	...	...	4
2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	..	2	...	2	66
...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	2	37
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	28
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1

TABLE 39—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora
CLASS XI.—DISEASES OF PREGNANCY, CHILDBIRTH AND THE PUERPERAL STATE																						
Total	120	..	6	1	3	..	6	1	..	3	1	1	..	..	..	3	..	1	1	4	2	6
140. Abortion with septic conditions	9	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
140A. Abortion	5	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
140B. Self-induced abortion	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
141. Abortion without mention of septic conditions (haemorrhage included)	9	..	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
141A. Abortion	6	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
141B. Self-induced abortion	3	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
142. Ectopic gestation	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
142A. With septic conditions	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
142B. Without mention of septic conditions	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
143. Other accidents of pregnancy (haemorrhage excluded)	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
144. Puerperal haemorrhage	6	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..
144A. Placenta praevia	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
144B. Other haemorrhages	5	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..
145. Puerperal septicaemia (not specified as due to abortion)	23	..	..	..	..	..	2	..	..	1	..	..	..	..	..	1	..	1	..	..	1	1
145A. Puerperal septicaemia and pyaemia	23	..	..	..	..	..	2	..	..	1	..	..	..	..	..	1	..	1	..	..	1	1
146. Puerperal albuminuria and eclampsia	30	..	1	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	2	1	1
147. Other toxaemias of pregnancy	5	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
148. Puerperal phlegmasia alba dolens, embolism of sudden death (not specified as septic)	10	..	..	..	1	..	1	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..
148A. Phlegmasia alba dolens and thrombosis	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
148B. Embolism	9	..	..	..	1	..	1	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..
148C. Sudden death	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
149. Other accidents of childbirth	20	..	..	..	1	..	1	..	..	1	1	..	..	..	..	..	..	..	..	1	..	1
149A. Caesarean operation	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
149B. Other surgical operations and instrumental delivery	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
149C. Dystocia	7	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
149D. Rupture of uterus in parturition	2	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
149E. Others under this title	5	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
150. Other or unspecified condition of the puerperal state	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	3
150B. Others under this title	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	3
CLASS XII.—DISEASES OF THE SKIN AND CELLULAR TISSUE																						
Total	24	..	1	..	1	1	..	1	..	..	..	..	1	..	..	2	..	..	..	1	..	..
151. Carbuncle	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
152. Cellulitis, acute abscess	6	..	..	..	..	1	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..
153. Other diseases of the skin and annexa and of the cellular tissue	12	..	1	..	1	..	..	1	..	..	..	..	..	..	..	1	..	..	..	1	..	..
CLASS XIII.—DISEASES OF THE BONES AND ORGANS OF LOCOMOTION																						
Total	22	..	..	..	..	1	..	..	..	..	..	1	..	..	2	1	..	1	..	..	..	..
154. Osteomyelitis	10	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
155. Other diseases of the bones (tuberculosis excepted)	6	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..
156. Diseases of the joints and other organs of locomotion	6	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
156A. Of the joints (tuberculosis and rheumatism excepted)	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
155B. Of other organs of locomotion	5	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
CLASS XIV.—CONGENITAL MALFORMATIONS																						
Total	184	1	..	3	6	3	10	..	3	4	1	6	1	2	1	9	..	1	2	3	3	1
157. Congenital malformations (stillbirths excluded)	184	1	..	3	6	3	10	..	3	4	1	6	1	2	1	9	..	1	2	3	3	1

CITIES AND TOWNS OF 5,000 AND OVER)—ONTARIO, 1936—Continued

Kent	Lambton	Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	Grand total, including cities and towns
1	2	7	1	1	..	1	1	4	5	1	...	...	1	1	1	...	..	2	4	2	4	1	7	..	3	1	7	..	2	2	4	2	13	355
...	...	1	...	..	..	..	...	1	..	..	...	...	...	..	..	...	..	..	..	..	..	..	...	..	1	..	1	...	...	1	...	...	2	29
...	...	...	...	..	..	..	...	1	..	..	...	...	...	..	..	...	..	..	..	..	..	..	...	..	1	..	..	...	...	1	...	...	...	21
...	...	1	...	..	..	..	...	..	..	..	...	...	...	..	..	...	..	..	..	..	..	..	...	..	..	..	1	...	...	...	...	...	2	8
...	...	1	...	..	..	..	...	..	..	..	...	...	...	..	..	...	..	..	1	1	...	..	...	..	..	..	..	..	..	1	...	...	1	20
...	...	1	...	..	..	..	...	..	..	..	...	...	...	..	..	...	..	..	1	1	...	..	...	..	..	..	..	..	..	1	...	...	1	15
...	...	...	...	..	..	..	...	..	..	..	...	...	...	..	..	...	..	..	1	1	...	..	...	..	..	..	..	..	..	..	...	...	...	5
...	...	...	...	1	..	..	...	..	..	..	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	1	...	1	...	...	16
...	...	...	...	..	..	..	...	..	..	..	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	..	..	...	...	...	1
...	...	...	...	1	..	..	...	..	..	..	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	1	...	1	...	...	15
...	...	...	...	..	..	..	...	..	..	..	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	..	..	...	...	...	2
...	...	...	...	..	..	..	...	..	1	..	...	...	...	..	..	...	..	..	..	..	1	..	1	..	..	..	..	..	..	..	...	...	...	34
...	...	...	...	..	..	..	...	..	1	..	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	..	..	...	...	...	18
...	...	...	...	..	..	..	...	..	..	..	...	...	...	..	..	...	..	..	..	..	1	..	1	..	..	..	..	..	..	..	...	...	...	16
...	...	2	1	..	..	..	...	1	1	..	...	...	...	..	..	...	..	..	1	2	1	2	...	..	...	..	1	..	..	..	1	...	3	85
...	...	2	1	..	..	..	...	1	1	..	...	...	...	..	..	...	..	..	1	2	1	2	...	..	...	..	1	..	..	..	1	...	3	85
1	1	2	...	..	..	..	...	1	2	1	...	...	1	1	..	...	..	1	1	..	1	..	2	..	...	1	4	..	1	...	...	...	2	64
...	...	...	...	..	..	..	...	..	1	..	...	...	...	..	..	...	..	..	..	..	...	..	1	..	...	..	1	..	..	...	...	...	...	21
...	...	...	...	..	..	..	...	..	..	..	...	...	...	..	1	...	..	..	1	..	...	..	1	..	1	..	..	..	..	...	...	1	1	28
...	...	...	...	..	..	..	...	..	..	..	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	..	..	..	...	...	...	...	8
...	...	...	...	..	..	..	...	..	..	..	...	...	...	..	1	...	..	..	1	..	...	..	1	..	1	..	..	..	..	...	...	1	...	18
...	...	...	...	..	..	..	...	..	..	..	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	..	..	..	...	...	...	1	2
...	1	1	...	..	..	1	1	1	..	..	...	...	...	..	..	...	..	1	..	..	...	..	...	..	1	..	..	..	..	...	2	1	4	50
...	...	1	...	..	..	..	...	..	..	..	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	..	..	..	...	1	1	2	16
...	...	...	...	..	..	..	...	..	..	..	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	..	..	..	...	...	...	...	2
...	1	...	...	..	..	1	1	..	..	..	...	...	...	..	..	...	..	1	..	..	...	..	...	..	...	..	..	..	..	...	...	...	1	19
...	...	...	...	..	..	..	...	1	..	..	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	..	..	..	...	...	...	...	4
...	...	...	...	..	..	..	...	..	..	..	...	...	...	..	..	...	..	..	..	..	...	..	...	..	1	..	..	..	..	...	1	...	1	9
...	...	...	...	..	..	..	...	..	..	..	...	...	...	..	..	...	..	..	1	..	...	..	...	..	...	..	..	..	..	...	...	...	...	6
...	...	...	...	..	..	..	...	..	..	..	...	...	...	..	..	...	..	..	1	..	...	..	...	..	...	..	..	..	..	...	...	...	...	6
...	...	...	2	..	..	..	3	1	..	..	2	...	...	..	..	...	..	..	..	..	...	1	1	..	...	..	1	1	1	...	...	...	3	89
...	...	...	...	..	..	..	1	..	..	..	2	...	...	..	..	...	..	..	..	..	...	..	1	..	...	..	..	..	..	...	...	...	2	26
...	...	...	...	..	..	..	1	..	..	..	...	...	...	..	..	...	..	..	..	..	...	1	...	..	...	..	..	1	..	...	...	...	...	34
...	...	...	2	..	..	..	1	1	..	..	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	1	..	1	...	...	...	1	29
1	...	...	1	..	..	..	1	..	..	..	...	...	3	..	1	...	1	2	1	..	...	..	1	1	..	..	..	..	..	...	...	...	3	87
1	...	...	...	..	..	..	...	..	..	..	...	...	2	..	1	...	..	..	1	..	...	..	...	1	..	..	..	..	..	...	...	...	1	52
...	...	...	...	..	..	..	1	..	..	..	...	...	...	..	..	...	1	2	..	..	...	..	...	..	..	..	..	..	..	...	...	...	...	14
...	...	...	1	..	..	..	...	..	..	..	...	...	1	..	..	...	..	..	..	..	...	..	1	..	..	..	..	..	..	...	...	...	2	21
...	...	...	...	..	..	..	...	..	..	..	...	...	...	..	..	...	..	..	..	..	...	..	1	..	..	..	..	..	..	...	...	...	...	8
...	...	...	1	..	..	..	...	..	..	..	...	...	1	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	..	...	...	...	2	13
3	2	4	6	4	4	1	1	1	8	3	4	3	4	3	1	...	3	3	2	2	3	1	10	6	5	2	1	1	3	4	8	5	13	496
3	2	4	6	4	4	1	1	1	8	3	4	3	4	3	1	...	3	3	2	2	3	1	10	6	5	2	1	1	3	4	8	5	13	496

TABLE 39—CAUSES OF DEATH FOR COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora
157A. Congenital hydrocephalus	31	..	..	1	3	..	1	..	2	1	...	1	..	1	..	...	...	..	..	1	...	..
157B. Spina bifida and meningocele	49	..	..	..	1	2	5	..	..	...	1	2	..	..	1	3	...	1	..	...	1	..
157C. Congenital malformations of the heart	73	1	..	2	1	1	3	..	1	1	...	3	1	..	..	4	...	..	2	2	1	1
157D. Monstrosities	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
157E. Others under this title	26	..	..	..	1	..	1	..	..	2	..	..	..	1	..	2	..	..	..	..	..	1
CLASS XV—DISEASES OF EARLY INFANCY																						
Total	636	3	12	4	32	8	51	2	6	7	6	12	7	2	6	11	5	10	9	18	17	3
158. Congenital debility	69	..	1	..	3	..	9	..	..	..	..	3	..	..	1	1	...	1	1	2	2	1
159. Premature birth	402	2	6	2	23	7	31	2	4	7	6	6	6	2	4	5	4	7	5	9	8	1
160. Injury at birth	82	..	3	1	5	1	5	..	1	..	..	1	..	..	..	4	...	..	2	..	6	1
160A. With mention of caesarean operation	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
160B. Without mention of caesarean operation	81	..	3	1	5	1	5	..	1	..	..	1	..	..	..	4	...	..	2	..	5	1
161. Other diseases peculiar to early infancy (under 3 months)	83	1	2	1	1	..	6	..	1	..	..	2	1	..	1	1	1	2	1	7	1	..
161A. Atelectasis	23	..	1	..	1	..	1	..	..	..	..	..	..	..	1	..	1	1	..	3	1	..
161B. Icterus of the new-born	10	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
161C. Sclerema and oedema	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
161D. Athrepsia	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
161E. Others, including lack of care	41	1	..	1	..	..	2	..	1	..	..	2	1	..	..	1	..	1	1	3	..	..
161F. No cause given, no doctor in attendance	6	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
CLASS XVI.—SENILITY																						
Total	246	..	1	3	11	8	3	1	4	6	9	4	5	5	1	7	8	..	4	7	6	6
162. Senility	246	..	1	3	11	8	3	1	4	6	9	4	5	5	1	7	8	..	4	7	6	6
162A. With senile dementia (70 years and over)	39	..	..	1	1	1	..	..	..	..	..	..	1	..	1	4	...	..	1	...	1	..
162B. Without senile dementia (70 years and over)	205	..	1	2	10	7	3	1	4	6	9	4	4	5	..	3	8	..	3	7	5	5
162C. Premature senility (55 years but under 70 years)	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS																						
Total	1404	11	22	27	36	16	47	20	7	34	22	46	15	14	9	35	12	2	19	29	31	25
163–171. Suicides	190	1	3	8	5	1	4	5	2	3	3	6	2	3	1	1	1	..	1	5	4	3
163. Suicide by solid or liquid poisons or by absorption of corrosive substances	23	..	..	..	1	..	..	1	..	..	..	1	..	1	..	1	..	..	..	..	..	..
164. Suicide by poisonous gas	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..
165. Suicide by hanging or strangulation	52	1	..	2	2	..	..	1	1	3	..	3	1	..	..	..	..	..	..	4	1	2
166. Suicide by drowning	39	..	..	4	1	..	..	1	..	..	2	1	..	..	1	..	..	..	..	..	1	..
167. Suicide by firearms	45	..	1	2	1	1	3	2	1	...	1	1	1	1	..	..	..	..	..	..	..	1
168. Suicide by cutting or piercing instruments	10	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	1	..	1	..
169. Suicide by jumping from high places	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
170. Suicide by crushing	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
171. Suicide by other means	3	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
173–175. Homicides	16	..	..	..	..	..	3	1	..	..	..	2	..	..	..	1	..	..	..	..	..	1
173. Homicide by firearms	6	..	..	..	..	..	1	..	..	..	..	1	..	..	..	1	..	..	..	..	..	1
174. Homicide by cutting or piercing instruments	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
175. Homicide by other means	9	..	..	..	..	..	1	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..
176–198. Other violent deaths	1198	10	19	19	31	15	40	14	5	31	19	38	13	11	8	33	11	2	18	24	27	21
176. Attack by venomous animals	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
177. Food poisoning	3	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
178. Accidental absorption of toxic gases	8	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
179. Other acute accidental poisonings (except by gas)	10	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	1	..	..	..	..	..
180. Conflagration	38	..	2	1	1	..	5	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..
181. Accidental burns (conflagration excepted)	31	1	..	..	2	..	..	3	..	..	..	1	..	..	1	1	1	..	1	2	..	..

CITIES AND TOWNS OF 5,000 AND OVER)—ONTARIO, 1936—Continued

Kent	Lambton	Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	Grand total, including cities and towns
...	...	1	2	..	..	1	...	..	..	1	2	...	1	..	..	...	..	..	1	1	1	..	2	..	..	..	..	..	..	1	...	..	6	72
1	...	...	...	..	..	..	1	..	5	..	1	3	1	..	..	...	2	1	..	1	1	..	2	2	2	1	1	..	1	1	4	1	...	109
2	1	2	4	3	3	..	...	..	3	..	1	...	2	1	1	...	1	..	..	..	1	1	5	4	2	1	..	..	1	2	3	2	3	177
...	...	1	...	1	..	..	...	..	..	..	...	...	...	1	..	...	..	1	..	..	...	..	...	..	..	..	..	..	..	...	...	1	...	12
...	1	...	...	..	1	..	...	1	..	2	...	...	...	1	..	...	..	1	1	..	...	..	1	..	1	..	..	1	1	...	1	1	4	126
9	13	5	10	3	8	11	13	14	36	7	9	9	11	13	3	10	5	22	2	..	28	29	9	8	32	5	12	6	5	9	15	2	32	1637
...	1	1	2	..	..	2	...	2	4	..	4	2	1	3	..	...	1	4	..	..	2	6	1	1	1	1	..	1	1	...	...	...	3	131
5	6	3	6	3	7	5	10	8	23	7	4	7	7	9	2	6	4	9	1	..	20	16	3	5	20	4	10	4	2	5	11	2	21	1052
1	5	1	2	..	..	2	...	..	4	..	...	...	2	1	..	1	..	6	..	..	5	3	2	..	5	..	2	..	1	3	2	...	4	244
...	...	...	...	..	..	..	...	..	..	..	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	..	...	...	..	..	4
1	5	1	2	..	..	2	...	..	4	..	...	...	2	1	..	1	..	6	..	..	5	3	2	..	5	..	2	..	1	3	2	...	4	240
3	1	...	...	..	1	2	3	4	5	..	1	...	1	..	1	3	..	3	1	..	1	4	3	2	6	..	..	1	1	1	2	...	4	210
1	..	...	...	..	..	..	...	1	3	..	1	...	...	..	..	...	..	..	..	..	...	2	...	..	..	..	..	..	..	1	2	...	2	60
...	1	...	...	..	1	..	1	1	..	..	...	...	...	..	..	2	..	1	..	..	...	..	...	..	...	..	..	..	..	...	...	...	...	30
...	...	...	...	..	..	..	...	..	..	..	...	...	...	..	..	...	..	..	..	..	...	..	...	1	...	..	..	..	..	...	...	...	...	1
..	...	...	...	..	..	..	...	..	..	..	...	...	...	..	..	...	..	..	..	..	...	1	...	..	1	..	..	..	..	...	...	...	...	6
2	...	...	...	..	..	1	2	2	2	..	...	...	1	..	..	1	..	2	1	..	1	1	3	1	3	..	..	1	1	...	...	...	2	107
...	...	...	...	..	..	1	...	..	..	..	...	...	...	..	1	...	..	..	..	..	...	..	...	..	2	..	..	..	..	...	...	...	...	6
2	5	3	4	3	1	1	5	5	4	2	5	5	9	4	3	2	7	2	4	3	5	..	10	5	5	3	2	3	6	3	10	5	11	396
2	5	3	4	3	1	1	5	5	4	2	5	5	9	4	3	2	7	2	4	3	5	..	10	5	5	3	2	3	6	3	10	5	11	396
...	1	2	...	1	..	..	2	..	..	..	1	2	3	..	1	...	..	..	2	..	...	..	...	3	1	1	1	..	..	...	1	4	2	80
2	4	1	4	2	1	1	3	5	4	2	4	3	5	4	2	2	7	2	2	3	5	..	10	2	4	2	1	3	6	3	9	1	9	312
...	...	...	...	..	..	..	...	..	..	..	...	...	1	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	..	...	...	...	...	4
36	35	14	18	11	28	10	59	21	33	26	22	28	28	19	22	21	11	4	10	19	16	4	43	8	51	37	31	19	16	24	44	38	119	3294
3	1	3	2	1	4	..	10	1	3	6	6	3	2	3	3	4	1	1	4	..	3	1	3	2	11	2	1	2	1	7	5	8	21	398
1	1	2	...	..	..	..	1	..	1	..	3	...	1	1	1	...	..	..	..	..	1	..	...	1	2	1	..	..	..	...	...	...	1	68
1	...	1	...	..	1	..	...	..	...	..	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	..	1	..	...	...	1	3	33
...	...	...	1	1	..	..	4	..	1	1	1	1	...	..	..	3	..	2	..	..	1	..	3	1	2	..	1	..	..	2	1	1	4	90
...	...	...	1	..	1	..	2	1	1	1	2	2	...	..	..	1	1	1	..	..	...	1	...	..	1	..	..	1	1	2	3	2	3	65
1	...	...	...	..	1	..	1	..	..	4	...	...	1	2	1	...	..	2	..	..	1	..	...	..	4	1	..	..	..	3	1	1	5	79
...	...	...	...	..	1	..	...	..	...	..	...	...	...	..	..	...	..	..	..	..	...	..	...	..	1	..	..	..	..	...	...	2	2	25
...	...	...	...	..	..	..	2	..	...	..	...	...	...	..	..	...	..	..	..	..	...	..	...	..	1	..	..	..	..	...	...	1	1	23
...	...	...	...	..	..	..	...	..	...	..	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	..	..	..	...	...	...	2	6
...	...	...	...	..	..	..	...	..	...	..	...	...	...	..	1	...	..	..	..	..	...	..	...	..	...	..	..	..	..	...	...	...	...	9
...	...	...	...	..	1	..	...	2	2	1	...	...	...	..	..	...	..	..	..	1	...	..	...	..	...	1	..	..	..	...	...	...	...	49
...	...	...	...	..	..	..	...	..	1	..	...	...	...	..	..	...	..	..	..	1	...	..	...	..	...	..	..	..	..	...	...	...	...	10
...	...	...	...	..	..	..	...	..	..	..	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	..	..	..	...	...	...	...	6
...	...	...	...	..	1	..	...	2	1	1	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	1	..	..	..	...	...	...	...	33
33	34	11	16	10	23	10	49	18	28	19	16	25	26	16	19	17	10	3	6	18	13	3	40	6	40	34	30	17	15	17	39	30	98	2847
...	...	...	...	..	..	..	...	..	...	..	...	...	...	..	..	...	..	1	..	..	...	..	...	..	...	..	..	..	..	...	...	...	...	1
...	...	...	...	..	..	..	...	..	...	..	...	...	...	..	..	...	..	..	..	..	1	..	...	..	...	..	..	..	..	...	...	...	...	7
...	...	...	...	1	..	..	...	..	...	..	...	...	1	..	..	1	..	..	..	..	...	..	...	..	1	..	..	..	..	...	...	...	3	23
...	...	...	1	..	..	..	...	..	...	..	...	...	...	1	..	...	..	..	1	..	...	..	...	..	...	1	1	..	..	1	...	1	1	28
1	1	...	...	..	1	1	4	1	2	..	...	...	...	..	..	...	..	..	..	3	...	..	...	1	3	4	4	..	..	...	1	...	...	62
...	...	...	...	..	..	3	...	1	2	1	...	...	1	..	1	...	..	..	..	1	...	..	1	..	2	1	..	..	..	...	2	...	2	113

TABLE 39—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora
182. Accidental mechanical suffocation	36	..	1	..	1	..	4	..	1	...	1	1	3	..	..	...	...	..	..	...	...	..
183. Accidental drowning	178	..	6	1	5	3	7	..	..	6	2	8	2	2	..	...	1	1	1	...	1	8
184. Accidental injury by firearms	15	..	1	..	1	..	2	..	..	...	...	...	..	1	..	...	...	..	1	1	...	..
185. Accidental injury by cutting or piercing instruments	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
186. Accidental injury by fall, crushing or landslide	597	5	3	10	17	8	16	11	4	17	10	14	6	7	4	19	2	1	9	14	18	12
187. Cataclysm	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
188. Injuries by animals	11	..	..	..	..	..	1	..	..	1	..	2	..	..	..	..	..	..	..	2	..	..
189. Hunger or thirst	2	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
190. Excessive cold	12	..	2	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
191. Excessive heat	205	..	2	7	4	..	2	..	..	5	5	9	1	..	..	9	4	..	4	2	7	1
192. Lightning	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
193. Accidents due to electric currents	5	1	..	..	..	..	1	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..
194. Other accidents	36	3	1	..	..	2	..	..	..	2	1	..	1	1	2	3	1	..	1	1	1	..
194A. Foreign body	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
194B. Others under this title	36	3	1	..	..	2	..	..	..	2	1	..	1	1	2	3	1	..	1	1	1	..
195. Violent deaths of which the nature (accident, suicide, homicide) is unknown	3	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..
198. Capital punishment	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
CLASS XVIII—ILL-DEFINED CAUSES OF DEATH																						
Total	43	..	..	..	..	..	11	..	..	..	..	..	..	1	..	1	..	..	..	1	1	..
199. Sudden death	17	..	..	..	..	..	2	..	..	..	..	..	..	1	..	1	..	..	..	1	..	..
200. Cause of death not specified or ill-defined	26	..	..	..	..	..	9	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..

SPECIAL CLASSES OF ACCIDENTAL DEATHS BY COUNTIES

(Included also under the numbers

ONTARIO,

A. Accidents in mines and quarries	32	3	..	..	..	..	7	..	..	..	..	..	..	..	..	..	..	..	..	1	..	4
B Accidents caused by machines	21	..	..	1	2	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
C. Railway accidents	52	..	3	..	..	..	3	1	..	1	..	2	..	2	..	1	..	..	..	1	2	4
D. Street-car accidents	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
E. Automobile and motorcycle accidents	229	3	..	4	6	3	3	4	2	12	5	5	3	3	1	4	..	..	4	6	3	2
F. Other land transportation	33	..	..	1	2	2	..	..	1	1	1	1	..	..	1	..	1	..	..	..	3	..
G. Water transportation	60	..	2	..	1	..	5	..	..	..	2	5	1	..	..	..	..	1	..	..	..	4
H. Air transportation	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

CITIES AND TOWNS OF 5,000 AND OVER)—ONTARIO, 1936—Continued

Kent	Lambton	Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Timiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	Grand total, including cities and towns
3	1	...	...	...	...	...	...	1	2	1	1	...	...	1	..	1	..	..	..	..	...	1	...	..	1	2	1	..	..	...	...	2	6	69
6	5	3	5	..	5	3	...	5	5	..	1	7	...	7	3	2	2	..	2	4	2	1	10	1	5	11	10	2	1	5	1	1	9	230
...	1	...	1	..	..	1	1	..	..	..	...	...	...	1	..	...	...	..	..	..	1	..	...	...	...	2	..	..	..	...	...	...	...	26
...	1	...	...	...	...	...	1	..	..	..	...	...	...	...	...	...	...	..	..	..	1	..	1	..	1	..	1	..	..	...	1	...	...	21
19	18	6	9	8	11	1	24	9	14	11	9	11	18	3	7	9	5	2	3	4	8	1	20	4	22	9	9	10	10	6	26	11	53	1417
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
1	...	...	...	...	...	...	1	..	..	..	...	...	...	1	..	...	...	..	...	...	...	...	...	...	...	...	1	..	...	...	1	...	...	23
...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
...	1	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	..	...	...	...	...	1	...	...	1	1	...	...	1	...	...	1	18
2	4	1	...	..	6	1	17	1	3	6	5	7	6	1	7	3	3	..	1	3	...	...	6	..	4	3	1	2	4	2	5	16	23	702
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14
1	2	...	...	...	...	...	1	..	..	..	...	...	...	...	...	1	...	..	...	2	...	...	1	..	1	1	2	1	..	2	1	...	...	76
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
1	2	...	...	...	...	...	1	..	..	..	...	...	...	...	...	1	...	..	...	2	...	...	1	..	1	1	2	1	..	2	1	...	...	74
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	9
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	1	..	4	..	1	2	...	1	..	...	...	..	...	1	3	..	2	1	7	...	...	1	..	2	1	...	1	57
...	...	...	...	...	...	...	1	..	..	..	1	2	...	...	...	...	...	..	...	...	...	...	1	1	4	...	..	1	..	...	1	...	...	20
...	...	...	...	...	...	...	...	..	4	..	...	...	...	1	..	...	...	..	...	1	3	..	1	..	3	...	...	...	...	2	...	...	1	37

(EXCLUSIVE OF CITIES AND TOWNS OF 5,000 AND OVER)

of the International List above)

1936

...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	5	4	...	...	...	...	...	...	58
1	...	...	...	...	...	...	...	...	1	1	...	...	1	...	...	...	...	...	...	...	1	..	2	...	2	3	1	...	...	...	2	1	...	43
...	...	...	1	...	...	...	1	3	7	..	...	2	1	1	1	...	...	...	...	...	...	..	1	..	6	2	..	1	...	...	1	2	2	97
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	10
6	6	2	2	3	4	..	12	4	4	8	5	4	7	..	4	3	3	1	1	3	3	..	11	2	2	1	3	3	2	5	6	1	35	564
2	3	...	1	..	1	..	1	1	..	..	...	...	1	..	...	...	...	...	...	...	2	..	2	..	...	...	...	2	2	...	1	...	...	58
3	1	...	1	..	4	1	...	2	2	..	...	3	...	4	..	...	...	...	...	1	...	..	4	..	1	4	4	...	..	3	...	...	1	75
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5

TABLE 40—CAUSES OF DEATH FOR CITIES AND TOWNS

CAUSES OF DEATH	Total	Belleville	Brantford	Chatham	Cornwall	Fort William	Galt	Guelph	Hamilton	Kingston	Kirkland Lake
DEATHS—ALL CAUSES. **Total**	**18,964**	**259**	**403**	**325**	**260**	**219**	**169**	**204**	**1639**	**488**	**125**
CLASS I.—INFECTIOUS AND PARASITIC DISEASES											
Total	1,220	15	16	30	29	39	6	13	81	38	17
1. Typhoid fever	21	....	2	1	1	....	1	....	....	....	1
2. Paratyphoid fever	2	....	....	....	....	....	....	....	....	....	....
7. Measles	33	4	....	....	....	3	....	1	....	2	....
8. Scarlet fever	47	1	....	....	....	2	....	2	6	....	....
9. Whooping-cough	58	....	....	1	1	....	....	....	11	1	8
10. Diptheria	18	....	....	....	1	1	....	....	....	1	....
11. Influenza	293	4	2	14	3	5	1	4	28	9	3
11A. Sole cause	16	....	....	2	....	....	....	....	....	....	....
11B. With bronchitis	9	....	....	....	....	....	....	....	1	....	....
11C. With pneumonia	155	3	1	4	3	....	....	3	20	7	2
11D. With other diseases of the respiratory system	10	....	1	1	....	....	....	....	1	....	....
11E. With intestinal complications	18	....	....	4	....	....	1	....	1	1	....
11F. With other causes	85	1	....	3	....	5	....	1	5	1	1
13. Dysentery	10	....	1	....	....	....	....	....	2	....	....
15. Erysipelas	44	2	....	1	....	1	....	1	3	....	....
16. Poliomyelitis and polioencephalitis (acute)	6	....	....	....	....	....	....	....	....	....	....
17. Lethargic or epidemic encephalitis	11	....	....	1	....	....	....	....	....	....	....
18. Epidemic cerebrospinal meningitis	15	1	....	....	1	....	....	....	2	....	....
22. Tetanus	14	....	1	....	1	....	....	....	2	....	....
23-32. Tuberculosis	461	1	10	5	17	25	1	4	16	24	5
23. Tuberculosis of the respiratory system	345	1	8	4	12	22	....	1	14	21	3
24. Tuberculosis of the meninges and central nervous system	61	....	1	1	3	1	....	1	1	1	2
25. Tuberculosis of the intestines and peritoneum	17	....	....	....	1	1	1	1	....	....	....
26. Tuberculosis of the vertebral column	7	....	1	....	1	....	....	....	....	....	....
27. Tuberculosis of the bones and joints (vertebral column excepted)	6	....	....	....	....	....	....	....	1	....	....
27A. Of bones	1	....	....	....	....	....	....	....	....	....	....
27B. Of joints	5	....	....	....	....	....	....	....	1	....	....
28. Tuberculosis of the skin and sub-cutaneous cellular tissue	1	....	....	....	....	....	....	....	....	....	....
29. Tuberculosis of the lymphatic system (bronchial, mesenteric and retroperitoneal glands excepted)	1	....	....	....	....	....	....	1	....	....	....
30. Tuberculosis of the genito-urinary system	13	....	....	....	....	1	....	....	....	1	....
32. Disseminated tuberculosis	10	....	....	....	....	....	....	....	....	1	....
32A. Acute	9	....	....	....	....	....	....	....	....	1	....
32C. Not specified	1	....	....	....	....	....	....	....	....	....	....
34. Syphilis	106	1	....	4	....	2	2	....	5	....	....
35. Gonococcus infection and other venereal diseases	4	....	....	....	....	....	....	....	....	....	....
36. Purulent infection, septicaemia (non-puerperal)	44	....	....	2	2	....	1	1	2	....	....
38. Malaria	1	....	....	....	....	....	....	....	....	....	....
39. Other diseases due to protozoal parasites	1	....	....	....	1	....	....	....	....	....	....
41. Hydatid cysts	1	....	....	....	....	....	....	....	....	....	....
41A. Of the liver	1	....	....	....	....	....	....	....	....	....	....
42. Other diseases caused by helminths	2	1	....	....	....	....	....	....	....	....	....
43. Mycoses	3	....	....	....	....	....	....	....	....	....	....
44. Other infectious or parasitic diseases	25	....	....	1	1	....	....	....	4	1	....
44A. Chicken-pox	5	....	....	....	....	....	....	....	1	....	....
44B. German measles	1	....	....	....	....	....	....	....	....	....	....
44C. Others under this title	19	....	....	1	1	....	....	....	3	1	....
CLASS II.—CANCER AND OTHER TUMOURS											
Total	2,798	30	55	45	26	30	22	29	256	89	7
45-53. Cancer and other malignant tumours	2,572	26	51	40	23	28	21	27	241	81	7
45. Cancer of the buccal cavity and pharynx	82	....	....	1	1	1	1	2	6	3	....
46. Cancer of the digestive tract and peritoneum	1,266	15	27	15	16	17	11	12	125	36	1
46A. Of the oesophagus	68	....	....	....	1	....	1	....	4	2	....
46B. Of the stomach and duodenum	455	4	12	7	8	7	4	4	41	13	....
46C. Of the rectum	141	1	3	2	2	1	1	3	12	4	....
46D. Of the liver and biliary ducts	147	1	5	1	3	3	....	1	22	4	....
46E. Of the pancreas	81	....	1	1	....	3	2	1	3	3	....
46F. Of the peritoneum	9	....	....	....	....	....	....	1	1	....	....
46G. Of other organs	365	9	6	4	2	3	3	2	42	10	1
47. Cancer of the respiratory organs	124	2	1	1	....	2	....	....	14	2	1
47A. Of the larynx	21	....	....	....	....	1	....	....	2	2	1

OF 10,000 POPULATION AND OVER—ONTARIO, 1936

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock	
384	**1104**	**202**	**171**	**222**	**1787**	**183**	**170**	**374**	**218**	**311**	**266**	**261**	**238**	**200**	**327**	**190**	**7044**	**146**	**882**	**193**	
18	55	9	11	33	165	13	18	22	21	17	11	20	24	3	41	19	337	6	83	10	
1	1	....	1	1	4	....	....	....	....	....	....	....	....	....	....	2	4	....	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	2
....	4	....	1	....	5	....	....	....	2	....	1	....	....	....	1	3	2	....	4	....	7
1	....	....	....	3	3	....	1	....	....	2	1	1	1	....	2	....	19	1	1	....	8
2	3	....	....	1	8	2	....	....	1	....	....	....	....	....	1	....	15	....	3	....	9
....	....	....	....	....	5	....	....	....	....	2	....	....	....	....	2	....	5	....	1	....	10
3	13	2	2	13	22	3	9	11	5	6	2	9	9	2	13	5	60	4	23	4	11
....	1	....	....	1	1	....	....	....	1	1	....	....	1	....	1	....	5	....	1	1	11A
....	....	....	....	1	1	....	....	....	....	1	....	1	....	....	1	....	2	....	1	....	11B
2	5	1	2	6	10	2	8	8	3	2	1	1	7	....	5	4	29	3	11	2	11C
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	5	....	1	....	11D
1	....	1	....	....	1	....	....	1	....	....	....	1	1	....	1	....	3	....	1	....	11E
....	7	....	....	5	8	1	1	2	1	2	1	6	....	2	5	1	16	1	8	1	11F
....	1	1	....	....	1	....	....	....	....	....	....	....	....	....	....	1	3	....	....	....	13
1	3	1	....	2	5	1	....	5	....	2	....	....	1	....	....	....	13	....	....	2	15
....	1	....	....	....	....	....	....	1	....	....	....	....	1	....	2	....	1	....	....	....	16
....	3	....	....	....	2	....	....	....	....	....	2	....	....	....	1	....	1	....	1	....	17
....	1	....	....	2	2	....	....	....	....	....	....	....	....	....	....	1	4	....	1	....	18
1	2	....	....	....	....	2	1	....	....	1	....	....	1	....	....	....	2	....	....	....	22
5	15	2	4	7	92	2	5	3	8	3	5	9	7	1	11	4	139	1	28	2	23-32
3	8	2	2	3	70	2	4	3	3	1	4	7	2	....	7	3	107	1	26	1	23
1	1	....	1	3	15	....	....	....	4	1	1	1	3	....	3	1	13	....	2	....	24
....	3	....	1	1	2	....	....	....	....	....	....	....	1	1	....	....	4	....	....	....	25
....	1	....	....	....	1	....	1	....	1	....	....	....	....	....	....	....	1	....	....	....	26
....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	2	....	....	1	27
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	27A
....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	2	....	....	....	27B
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	28
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	29
1	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	8	....	....	....	30
....	2	....	....	....	2	....	....	....	....	....	....	....	1	....	....	....	4	....	....	....	32
....	2	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	4	....	....	....	32A
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	32C
1	4	1	1	3	12	1	....	1	2	....	....	....	3	....	5	1	47	....	10	....	34
1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	35
1	3	1	1	1	2	1	2	1	3	1	....	1	1	....	1	1	9	....	4	2	36
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	38
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	39
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	41
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	41A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	42
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	....	....	....	43
1	1	....	....	....	2	1	....	....	....	....	....	....	....	....	....	....	8	....	5	....	44
1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	1	....	44A
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	44B
....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	7	....	4	....	44C
59	148	17	9	28	265	22	22	50	27	48	36	33	22	29	21	19	1188	18	117	31	
54	139	15	8	27	243	22	14	48	24	46	35	29	20	27	21	16	1089	16	105	29	45-53
1	2	1	....	....	12	2	2	2	....	3	2	....	1	3	....	....	35	....	....	1	45
31	79	3	2	12	111	14	5	27	18	26	19	10	9	13	12	9	507	10	58	16	46
1	3	....	....	....	4	3	....	2	....	3	....	2	....	....	....	....	40	1	1	....	46A
13	19	2	1	6	45	5	3	6	9	10	5	3	4	7	9	7	167	3	27	4	46B
3	9	....	....	1	13	....	....	3	1	4	2	....	....	1	1	1	62	2	8	1	46C
6	14	1	....	1	6	2	1	2	1	....	4	1	3	1	1	....	54	2	3	4	46D
1	5	....	....	2	11	2	....	2	2	1	2	1	1	....	....	....	33	....	3	1	46E
1	....	....	....	....	2	....	....	....	....	1	....	....	....	....	....	....	3	....	....	....	46F
6	29	....	1	2	30	2	1	12	5	7	6	3	1	4	1	1	148	2	16	6	46G
....	4	3	....	2	14	....	....	3	....	....	1	....	3	1	....	1	63	1	5	....	47
....	2	1	....	....	6	....	....	....	....	....	....	....	....	....	....	....	4	1	1	....	47A

TABLE 40—CAUSES OF DEATH FOR CITIES AND TOWNS

CAUSES OF DEATH	Total	Belleville	Brantford	Chatham	Cornwall	Fort William	Galt	Guelph	Hamilton	Kingston	Kirkland Lake
47B. Of the lung	81	2	....	1	....	....	....	....	8	....	....
47C. Of the mediastinum	13	....	1	....	....	1	....	....	3	....	....
47D. Of other organs of the respiratory system	9	....	....	....	....	....	....	....	1	....	....
48. Cancer of the uterus	218	....	5	5	1	3	1	2	22	6	3
48A. Of the uterus	132	....	2	2	1	3	1	2	14	5	1
48B. Of the cervix uteri	86	....	3	3	....	....	....	....	8	1	2
49. Cancer of other female genital organs	82	1	....	3	1	....	1	2	8	5	....
50. Cancer of the breast	298	6	9	5	....	2	1	4	27	15	1
51. Cancer of the male genito-urinary organs	231	....	5	5	4	2	1	3	19	3	1
51A. Of the bladder	83	....	3	1	....	....	1	....	7	1	1
51B. Of the kidney	27	....	....	....	1	....	....	....	3	....	....
51C. Of the prostate gland	108	....	2	4	3	1	....	3	8	2	....
51D. Of the testicles and annexa	8	....	....	....	....	1	....	....	1	....	....
51E. Of other male genito-urinary organs	5	....	....	....	....	....	....	....	....	....	....
52. Cancer of the skin	44	1	1	2	....	1	2	1	4	2	....
53. Cancer of other or unspecified organs	227	1	3	3	....	....	3	1	16	9	....
53A. Of the eye and orbit	5	....	....	....	....	....	....	....	....	....	....
53B. Of the circulatory system	1	....	....	....	....	....	....	....	....	....	....
53C. Of the glandular system	38	....	....	....	....	....	....	....	5	2	....
53D. Of the female urinary organs	45	1	1	....	....	....	1	1	2	3	....
53E. Of the bones and joints	33	....	....	2	....	....	....	....	2	2	....
53F. Of the brain	40	....	....	1	....	....	2	....	2	....	....
53G. Of the spine and spinal cord	12	....	1	....	....	....	....	....	1	....	....
53H. Of the neck	3	....	....	....	....	....	....	....	1	....	....
53I. Of the abdomen	21	....	....	....	....	....	....	....	1	....	....
53J. Of other specified organs	23	....	1	....	....	....	....	....	2	2	....
53K. Multiple cancer	6	....	....	....	....	....	....	....	....	....	....
54. Non-malignant tumours	206	3	4	5	3	2	1	2	14	8	....
54A. Of the ovary	23	....	....	....	1	....	....	....	3	....	....
54B. Of the uterus	52	1	1	2	....	1	....	....	4	2	....
54D. Of the brain	28	....	1	....	1	....	....	....	2	1	....
54E. Of the thyroid gland	41	1	....	....	....	1	....	....	4	3	....
54F. Of the prostate gland	36	....	....	1	....	....	1	2	1	....	....
54G. Of other or unspecified sites	26	1	2	2	1	....	....	....	....	2	....
55. Tumours, nature not specified	20	1	....	....	....	....	....	....	1	....	....
55D. Of the brain	7	....	....	....	....	....	....	....	....	....	....
55G. Of other or unspecified sites	13	1	....	....	....	....	....	....	1	....	....
CLASS III—RHEUMATIC DISEASES, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS AND OTHER GENERAL DISEASES											
Total	621	7	15	7	10	6	9	8	41	18	5
56. Acute rheumatic fever	119	1	1	1	1	1	....	....	8	....	2
57. Chronic rheumatism, osteo-arthritis	21	....	1	....	....	....	....	....	1	....	....
59. Diabetes mellitus	313	3	9	5	6	4	5	6	22	11	1
60. Scurvy	1	....	....	....	....	....	....	....	....	....	....
63. Rickets	5	....	1	....	....	....	....	....	....	1	....
65. Diseases of the pituitary gland	1	....	....	....	1	....	....	....	....	....	....
66. Diseases of the thyroid and parathyroid glands	96	1	1	....	1	1	....	2	5	2	1
66A. Simple goitre	11	....	....	....	....	....	....	1	....	....	....
66B. Exophthalmic goitre	75	1	1	....	1	1	....	....	4	2	1
66C. Myxoedema, cretinism	1	....	....	....	....	....	....	....	....	....	....
66D. Tetany	5	....	....	....	....	....	....	....	1	....	....
66E. Others under this title	4	....	....	....	....	....	....	1	....	....	....
67. Diseases of the thymus gland	39	....	1	1	1	....	4	....	3	3	1
68. Diseases of the adrenals (Addison's disease)	5	....	....	....	....	....	....	....	1	....	....
69. Other general diseases	21	2	1	....	....	....	....	....	1	1	....
69A. Fatty or amyloid degeneration	8	1	....	....	....	....	....	....	1	....	....
69B. Steatosis	1	....	....	....	....	....	....	....	....	....	....
69C. Others under this title	12	1	1	....	....	....	....	....	....	1	....
CLASS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS											
Total	263	1	6	4	4	....	1	4	22	6	....
70. Haemorrhagic conditions	11	....	1	....	....	....	....	....	....	....	....
70A. Simple purpura	11	....	1	....	....	....	....	....	....	....	....
71. Anaemia	131	....	2	2	3	....	1	1	9	3	....
71A. Pernicious anaemia	115	....	2	2	2	....	1	1	9	2	....
71B. Others under this title	16	....	....	....	1	....	....	....	....	1	....
72. Leukaemia and aleukaemia	104	....	3	2	1	....	....	3	10	3	....
72A. Leukaemia	81	....	2	2	1	....	....	3	8	3	....

OF 10,000 POPULATION AND OVER—ONTARIO, 1936—Continued

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock	
....	1	2	....	2	7	....	....	3	....	....	1	....	2	1	....	1	46	....	4	....	47B
....	1	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	5	....	....	....	47C
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	8	....	....	....	47D
5	17	4	....	....	21	2	2	5	3	6	3	5	....	4	2	1	74	....	11	2	48
2	11	1	....	....	14	2	2	4	2	4	2	4	....	3	2	1	39	....	7	1	48A
3	6	3	....	....	7	....	....	1	1	2	1	1	....	1	....	....	35	....	7	1	48B
1	6	....	1	1	8	1	....	1	1	1	....	3	1	1	....	....	33	....	2	....	49
10	12	....	2	6	24	1	3	3	....	3	4	3	3	1	1	2	136	5	7	2	50
4	10	3	....	2	23	1	1	2	1	4	3	3	1	3	4	1	110	....	10	2	51
2	3	2	....	....	7	....	1	....	....	1	1	2	1	3	1	....	40	....	3	2	51A
....	1	....	....	....	1	....	....	....	1	1	....	....	....	....	2	1	14	....	2	....	51B
1	5	1	....	2	12	1	....	1	....	2	2	1	....	....	1	....	51	....	5	....	51C
1	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	3	....	....	....	51D
....	....	....	....	....	2	....	....	1	....	....	....	....	....	....	....	....	2	....	....	....	51E
....	2	....	....	....	4	....	....	1	....	....	....	2	....	....	....	....	16	....	4	1	52
2	7	1	3	4	26	1	1	4	1	3	3	3	2	1	2	2	115	....	5	5	53
....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	3	....	....	....	53A
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	53B
....	1	....	1	2	2	....	....	1	....	1	....	1	....	1	....	....	21	....	....	....	53C
1	3	....	....	1	7	1	....	....	....	1	1	....	1	....	....	1	15	....	3	1	53D
....	....	1	1	1	4	....	....	1	....	....	....	....	1	....	....	....	17	....	....	1	53E
....	2	....	....	....	1	....	....	2	....	....	....	1	....	....	1	1	26	....	....	1	53F
....	1	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	5	....	1	1	53G
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	53H
1	....	....	1	....	6	....	....	....	....	1	....	1	....	....	1	....	9	....	....	....	53I
....	....	....	....	....	2	....	1	....	....	....	2	....	....	....	....	....	12	....	....	1	53J
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	....	1	....	53K
5	7	2	1	1	19	....	8	1	2	1	....	3	2	2	....	3	91	2	12	2	54
....	2	....	....	....	1	....	1	....	....	....	....	....	....	....	....	1	10	1	2	1	54A
3	1	1	1	....	6	....	2	....	2	....	....	1	1	2	....	1	12	....	7	1	54B
....	....	1	....	....	....	....	1	1	....	....	....	....	....	....	....	....	19	1	....	....	54D
1	2	....	....	....	6	....	2	....	....	1	....	1	1	....	....	1	14	....	3	....	54E
1	1	....	....	1	2	....	....	....	....	....	....	....	....	....	....	....	26	....	....	....	54F
....	1	....	....	....	4	....	2	....	....	....	....	1	....	....	....	....	10	....	....	....	54G
....	2	....	....	....	3	....	....	1	1	1	1	1	....	....	....	....	8	....	....	....	55
....	1	....	....	....	1	....	....	....	1	....	....	1	....	....	....	....	3	....	....	....	55D
....	1	....	....	....	2	....	....	1	....	1	1	....	....	....	....	....	5	....	....	....	55G
17	40	7	7	9	52	7	8	4	8	7	18	17	10	10	9	2	232	1	27	3	
5	6	1	2	3	6	....	....	....	1	2	5	2	....	4	4	1	53	1	7	1	56
....	....	....	....	....	....	....	1	....	....	....	1	1	....	1	2	....	13	....	....	....	57
8	26	6	....	4	19	4	2	3	5	4	5	10	5	4	2	1	118	....	14	1	59
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	60
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	63
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	65
3	6	....	3	1	12	3	3	1	2	1	7	3	4	1	....	....	29	....	3	....	66
....	1	....	....	....	1	1	....	1	....	....	1	1	....	....	....	....	3	....	1	....	66A
3	4	....	2	1	10	2	3	....	2	....	5	2	4	1	....	....	23	....	2	....	66B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	66C
....	....	....	....	....	1	....	....	....	....	1	1	....	....	....	....	....	1	....	....	....	66D
....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	66E
....	1	....	1	1	9	....	1	....	....	....	....	1	....	....	1	....	9	....	1	....	67
....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	68
1	....	....	1	....	4	....	1	....	....	....	....	....	1	....	....	....	7	....	....	1	69
1	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	3	....	....	....	69A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	69B
....	....	....	....	....	3	....	1	....	....	....	....	....	1	....	....	....	3	....	....	1	69C
4	16	5	1	1	23	3	....	6	4	4	5	6	5	3	1	....	118	....	7	3	
....	....	....	....	....	3	....	....	....	....	....	....	....	....	....	1	....	6	....	....	....	70
....	....	....	....	....	3	....	....	....	....	....	....	....	....	....	1	....	6	....	....	....	70A
2	8	3	....	1	12	1	....	4	1	2	4	6	4	2	....	....	53	....	5	2	71
2	7	3	....	1	10	1	....	3	1	2	4	3	2	1	....	....	50	....	5	1	71A
....	1	....	....	....	2	....	....	1	....	....	....	3	2	1	....	....	3	....	....	1	71B
2	8	2	1	....	7	2	....	1	2	2	1	....	1	1	....	....	50	....	1	1	72
1	8	2	1	....	6	2	....	1	1	1	1	....	1	1	....	....	35	....	1	....	72A

TABLE 40—CAUSES OF DEATH FOR CITIES AND TOWNS

CAUSES OF DEATH	Total	Belleville	Brantford	Chatham	Cornwall	Fort William	Galt	Guelph	Hamilton	Kingston	Kirkland Lake
72B. Aleukaemia (Hodgkin's disease)	23	....	1	....	....	....	....	....	2	....	....
73. Diseases of the spleen	10	1	....	....	....	....	....	....	2	....	....
74. Other diseases of the blood and blood-forming organs	7	....	....	....	....	....	....	....	1	....	....
CLASS V.—CHRONIC POISONINGS AND INTOXICATIONS											
Total	60	1	3	....	1	1	....	....	8	1	....
75. Alcoholism	37	....	3	....	....	1	....	....	5	1	....
75A. Delirium tremens	3	....	....	....	....	1	....	....	1	....	....
75B. Other alcoholic intoxications	34	....	3	....	....	....	....	....	4	1	....
76. Chronic poisoning, by other organic substances	11	....	....	....	....	....	....	....	1	....	....
76A. Chronic morphinism	6	....	....	....	....	....	....	....	....	....	....
76D. Other organic poisoning	5	....	....	....	....	....	....	....	1	....	....
77. Chronic poisoning by mineral substances	12	1	....	....	1	....	....	....	2	....	....
77A. Lead (including occupational)	10	1	....	....	1	....	....	....	2	....	....
77B. Occupational, except lead	1	....	....	....	....	....	....	....	....	....	....
77C. Others under this title	1	....	....	....	....	....	....	....	....	....	....
CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE											
Toral	804	10	15	11	9	6	9	8	61	14	4
78. Encephalitis (non-epidemic)	29	1	....	....	....	....	....	....	1	....	....
79. Simple meningitis	32	1	....	1	3	1	....	....	2	1	....
80. Progressive locomotor ataxia (tabes dorsalis)	13	2	....	1	....	....	....	....	1	....	....
81. Other diseases of the spinal cord	42	....	2	1	....	1	....	....	3	2	....
82. Cerebral haemorrhage, cerebral embolism and thrombosis	380	2	9	3	2	3	5	4	27	5	1
82A. Cerebral haemorrhage	287	2	8	2	1	1	3	4	24	4	1
82B. Cerebral embolism and thrombosis	48	....	1	....	....	2	2	....	2	1	....
82C. Softening of the brain	4	....	....	....	....	....	....	....	....	....	....
82D. Hemiplegia and other paralysis, cause not specified	41	....	....	1	1	....	....	....	1	....	....
83. General paralysis of the insane	23	....	....	....	1	....	....	....	....	....	....
84. Dementia praecox and other psychoses	29	....	....	1	....	....	1	....	....	....	....
84A. Dementia praecox	22	....	....	1	....	....	1	....	....	....	....
84B. Other psychoses	7	....	....	....	....	....	....	....	....	....	....
85. Epilepsy	31	....	1	1	....	....	....	2	3	....	....
86. Convulsions (under 5 years of age)	9	....	....	....	....	....	....	....	3	....	1
87. Other diseases of the nervous system	120	3	3	3	2	....	3	....	16	3	....
87A. Chorea	1	....	....	....	....	....	....	....	1	....	....
87B. Neuralgia and neuritis	8	....	....	....	1	....	....	....	....	....	....
87C. Paralysis agitans	54	....	1	3	....	....	2	....	7	2	....
87D. Schlerosis (other than of the spinal cord)	33	....	2	....	....	....	1	....	5	1	....
87E. Others under this title	24	3	....	....	1	....	....	....	3	....	....
88. Diseases of the organs of vision	8	....	....	....	....	....	....	....	....	1	....
89. Diseases of the ear and mastoid process	88	1	....	....	1	1	....	2	5	2	2
89A. Otitis	43	1	....	....	1	1	....	....	4	....	....
89B. Diseases of the mastoid process	44	....	....	....	....	....	....	2	1	2	2
89C. Others under this title	1	....	....	....	....	....	....	....	....	....	....
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM											
Total	5,458	71	121	73	39	48	62	55	499	129	14
90-95. Diseases of the heart	3,326	41	76	33	18	36	35	28	293	59	11
90. Pericarditis	3	....	....	....	....	....	....	....	....	....	....
91. Acute endocarditis	48	1	2	....	1	....	1	....	5	1	....
91A. Endocarditis, specified as acute	39	1	2	....	1	....	1	....	4	1	....
91B. Endocarditis, unspecified (under 45 years of age)	9	....	....	....	....	....	....	....	1	....	....
92. Chronic endocarditis, valvular diseases	394	6	12	8	3	8	7	3	22	6	....
92A. Endocarditis specified as chronic and other valvular diseases	328	5	10	7	3	7	6	2	18	6	....
92B. Endocarditis, unspecified (45 years and over)	66	1	2	1	....	1	1	1	4	....	....
93. Diseases of the myocardium	1,025	15	27	6	4	8	3	10	90	11	6
93A. Acute myocarditis	49	2	2	....	....	....	....	....	4	1	....
93B. Myocarditis, unspecified (under 45 years of age)	17	1	....	....	....	....	....	....	1	1	1
93C. Chronic myocarditis and myocardial degeneration	623	7	14	1	1	5	3	4	47	5	3
93D. Myodarditis, unspecified (45 years and over)	336	5	11	5	3	3	....	6	38	4	2
94. Diseases of the coronary arteries and angina pectoris	1,652	14	32	15	8	18	24	12	156	38	5
94A. Diseases of the coronary arteries	95	....	1	2	....	....	....	....	15	1	....
94B. Embolism and thrombosis of the coronary arteries	1,377	12	25	11	7	18	22	12	129	36	5
94C. Angina pectoris	180	2	6	2	1	....	2	....	12	1	....
95. Other diseases of the heart	204	5	3	4	2	2	....	3	20	3	....

OF 10,000 POPULATION AND OVER—ONTARIO, 1936—Continued

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Sudbury	Stratford	Timmins	Toronto	Welland	Windsor	Woodstock	
1	....	....	....	....	1	....	....	....	1	1	....	....	....	....	....	....	15	....	....	1	72B
....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	6	....	....	....	73
....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	3	....	1	....	74
....	5	1	1	....	5	1	1	1	....	1	....	....	1	....	5	1	21	1	....	....	
....	1	....	1	....	4	....	....	....	....	1	....	....	....	....	4	....	15	1	....	....	75
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	75A
....	1	....	1	....	3	....	....	....	....	1	....	....	....	....	4	....	15	1	....	....	75B
....	1	1	....	....	....	....	....	1	....	....	....	....	1	....	1	....	5	....	....	....	76
....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	1	....	3	....	....	....	76A
....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	2	....	....	....	76D
....	3	....	....	....	1	1	1	....	....	....	....	....	....	....	....	1	1	....	....	....	77
....	2	....	....	....	1	1	....	....	....	....	....	....	....	....	....	1	1	....	....	....	77A
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	77B
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	77C
11	63	12	4	8	91	7	8	12	9	17	14	11	7	12	20	4	298	5	24	20	
....	2	....	....	....	6	....	....	1	....	....	....	....	....	....	....	....	15	1	2	....	78
....	....	....	1	2	3	....	1	....	1	1	....	....	....	....	3	1	8	....	2	....	79
....	1	....	1	....	2	....	....	....	....	....	....	....	....	....	....	....	3	1	....	1	80
1	5	2	....	....	8	....	1	....	....	....	1	2	2	1	....	....	9	....	1	....	81
8	21	3	1	3	45	4	4	5	7	10	11	4	2	10	4	1	155	....	14	7	82
6	16	2	1	1	25	4	3	4	7	8	10	4	2	9	1	....	120	....	8	6	82A
2	2	1	....	....	5	....	....	1	....	1	....	....	....	....	1	1	22	....	3	1	82B
....	....	....	....	....	3	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	82C
....	3	....	....	2	12	....	1	....	....	1	1	....	....	1	2	....	12	....	3	....	82D
....	8	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	11	1	....	1	83
....	14	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	11	....	....	1	84
....	13	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	7	....	....	....	84A
....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	4	....	....	1	84B
....	3	....	....	....	3	....	....	1	....	1	....	1	....	....	2	....	8	....	....	5	85
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	3	....	....	....	86
2	4	4	....	2	7	2	1	2	....	5	1	2	2	....	2	1	41	2	2	5	87
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	87A
....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	....	....	....	87B
....	2	1	....	1	4	2	1	1	....	2	....	1	1	....	1	....	18	2	1	1	87C
2	1	1	....	1	2	....	....	1	....	2	....	....	....	....	....	....	10	....	....	4	87D
....	1	....	....	....	1	....	....	....	....	1	1	1	1	....	1	1	8	....	1	....	87E
....	1	....	....	....	2	....	....	....	....	....	1	....	....	....	....	....	2	....	1	....	88
....	4	3	1	1	12	1	1	3	1	....	....	2	1	1	8	1	32	....	2	....	89
....	2	1	1	....	3	....	....	2	....	....	....	1	1	....	8	1	15	....	1	....	89A
....	2	2	....	....	9	1	1	1	1	....	....	1	....	1	....	....	17	....	1	....	89B
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	89C
102	328	54	60	51	499	63	36	114	55	85	81	66	59	68	47	32	2243	40	211	53	
59	193	35	38	27	305	24	21	66	36	43	47	41	38	42	35	23	1419	23	146	35	90–95
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	90
....	3	....	....	....	7	....	....	....	1	....	1	....	1	....	1	....	20	....	3	....	91
....	2	....	....	....	4	....	....	....	1	....	1	....	....	....	....	....	18	....	3	....	91A
....	1	....	....	....	3	....	....	....	....	....	....	....	1	....	1	....	2	....	....	....	91B
11	16	4	3	6	24	5	7	14	5	2	3	7	4	4	11	6	162	3	17	5	92
8	15	4	3	4	16	3	2	10	4	1	2	3	3	3	8	6	146	3	15	5	92A
3	1	....	....	2	8	2	5	4	1	1	1	4	1	1	3	....	16	....	2	....	92B
18	66	9	5	1	109	11	5	21	7	17	16	11	17	19	15	8	420	2	48	20	93
....	7	....	....	....	3	....	....	1	1	1	1	2	1	1	1	....	15	....	2	4	93A
1	....	....	....	....	3	....	....	....	....	....	....	....	2	....	3	....	3	1	....	....	93B
7	40	2	3	1	64	7	3	7	3	15	12	7	7	5	5	6	301	1	24	13	93C
10	19	7	2	....	39	4	2	13	3	1	3	2	7	13	6	2	101	....	22	3	93D
29	82	19	27	19	148	8	6	26	18	23	27	21	12	15	5	8	743	16	70	8	94
1	2	....	1	1	5	1	....	2	11	2	....	1	....	1	1	....	42	....	4	1	94A
25	63	13	23	17	125	7	3	19	7	18	23	16	6	13	4	5	630	15	61	7	94B
3	17	6	3	1	18	....	3	5	....	3	4	4	6	1	....	3	71	1	5	....	94C
1	26	3	3	1	16	....	3	5	5	1	....	2	4	4	3	1	73	2	7	2	95

TABLE 40—CAUSES OF DEATH FOR CITIES AND TOWNS

CAUSES OF DEATH	Total	Belleville	Brantford	Chatham	Cornwall	Fort William	Galt	Guelph	Hamilton	Kingston	Kirkland Lake
95A. Functional diseases of the heart	42	2	....	1	1	....	....	....	4	....	....
95B. Other and unspecified	162	3	3	3	1	2	....	3	16	3	....
96. Aneurysm (except of the heart)	44	1	1	....	....	....	....	....	10	1	1
97. Arteriosclerosis (of coronary arteries excepted)	1,642	22	37	30	17	10	25	26	171	61	....
98. Gangrene	36	....	1	1	1	....	1	....	2	3	....
99. Other diseases of the arteries	22	....	....	1	1	1	....	....	3	1	....
100. Diseases of the veins (varices, haemorrhoids, phlebitis, etc.)	32	....	....	1	....	1	1	1	4	1	....
101. Diseases of the lymphatic system (lymphangitis, etc.)	8	1	....	....	....	....	....	....	....	....	....
102. Idiopathic abnormalities of blood pressure	348	6	6	7	2	....	....	....	16	3	2
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM											
Total	1,579	27	35	20	19	12	9	15	166	30	17
104. Diseases of the nasal fossae and annexa	39	1	....	1	1	....	....	....	3	1	....
105. Diseases of the larynx	15	....	1	....	1	....	....	....	....	....	....
105A. Croup	2	....	....	....	....	....	....	....	....	....	....
105B. Other diseases of the larynx	13	....	1	....	1	....	....	....	....	....	....
106. Bronchitis	33	....	3	....	....	....	1	....	....	1	....
106A. Acute	11	....	....	....	....	....	....	....	....	....	....
106B. Chronic	15	....	2	....	....	....	....	....	....	....	....
106C. Unspecified	7	....	1	....	....	....	1	....	....	1	....
107. Bronchopneumonia	665	17	11	7	8	1	3	3	74	16	5
107A. Bronchopneumonia	665	17	11	7	8	1	3	3	74	16	5
108. Lobar pneumonia	532	6	15	9	4	7	3	9	57	9	8
109. Pneumonia, unspecified	100	2	2	1	3	1	1	1	12	....	3
110. Pleurisy	41	....	....	....	....	1	....	3	1	1	....
111. Congestion and haemorrhagic infarct of the lung, etc.	29	....	1	....	....	....	....	1	4	1	....
111A. Pulmonary embolism and thrombosis	4	....	1	....	....	....	....	....	....	....	....
111B. Others under this title	25	....	....	....	....	....	....	1	4	1	....
112. Asthma	92	1	2	2	2	3	....	1	7	1	....
113. Pulmonary emphysema	2	....	....	....	....	....	....	....	....	....	....
114. Other diseases of the respiratory system (tuberculosis excepted)	31	....	....	....	....	....	....	....	6	....	....
114A. Chronic interstitial pneumonia including occupational diseases of the respiratory system	6	....	....	....	....	....	....	....	2	....	....
114C. Others under this title	25	....	....	....	....	....	....	....	4	....	....
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM											
Total	1,513	16	34	29	30	19	17	17	136	42	12
115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils (including adenoid vegetations)	120	3	2	1	....	1	1	1	6	2	....
115A. Diseases of the buccal cavity and annexa	35	2	1	....	....	....	....	1	....	1	....
115B. Diseases of the tonsils	39	....	....	....	....	....	....	....	2	1	....
115C. Others under this title	46	1	1	1	....	1	1	....	4	....	....
116. Diseases of the oesophagus	4	....	....	1	....	....	....	....	....	....	....
117. Ulcer of the stomach or duodenum	190	2	3	3	3	....	2	2	17	5	1
117A. Ulcer of the stomach	96	1	3	2	3	....	1	2	5	2	....
117B. Ulcer of the duodenum	94	1	....	1	....	....	1	....	12	3	1
118. Other diseases of the stomach	21	....	....	....	....	....	....	....	3	2	....
119. Diarrhoea and enteritis (under 2 years of age)	197	1	3	1	7	3	2	3	8	3	5
120. Diarrhoea and enteritis (2 years and over)	92	1	2	1	1	....	....	2	6	1	1
120A. Diarrhoea and enteritis	47	1	2	....	1	....	....	2	2	1	....
120B. Ulceration of the intestines	45	....	....	1	....	....	....	....	4	....	1
121. Appendicitis	271	3	8	6	7	6	1	4	37	9	1
122. Hernia, intestinal obstruction	256	1	6	6	4	5	5	3	20	7	1
122A. Hernia	114	....	5	2	1	2	3	1	11	1	....
122B. Intestinal obstruction	142	1	1	4	3	3	2	2	9	6	1
123. Other diseases of the intestines	31	....	....	1	....	1	....	1	2	1	....
124. Cirrhosis of the liver	62	2	1	....	1	....	....	....	4	....	1
124A. Specified as alcoholic	3	1	....	....	....	....	....	....	....	....	....
124B. Not specified as alcoholic	59	1	1	....	1	....	....	....	4	....	1
125. Other diseases of the liver	31	....	1	....	1	....	....	....	8	1	1
125A. Yellow atrophy of the liver	11	....	....	....	....	....	....	....	4	....	1
125B. Others under this title	20	....	1	....	1	....	....	....	4	1	....
126. Biliary calculi	100	2	5	6	4	3	3	....	12	5	....
127. Other diseases of the gall-bladder and biliary passages	107	1	3	3	2	....	3	1	11	6	....
128. Diseases of the pancreas	7	....	....	....	....	....	....	....	....	....	....
129. Peritonitis, cause not specified	24	....	....	....	....	....	....	....	2	....	1

OF 10,000 POPULATION AND OVER—ONTARIO, 1936—Continued

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock	
....	3	1	....	....	....	....	1	1	1	....	....	....	1	2	....	....	22	....	1	1	95A
1	23	2	3	1	16	....	2	4	4	1	....	2	3	2	3	1	51	2	6	1	95B
1	1	....	....	1	4	....	....	1	1	....	....	....	1	2	1	....	17	....	....	....	96
33	112	17	19	18	161	31	7	35	11	34	26	19	17	17	7	2	600	13	47	17	97
1	1	....	2	....	3	2	3	3	....	1	....	....	1	....	....	2	6	....	1	1	98
....	1	....	....	....	1	....	....	....	....	1	....	....	....	1	1	....	8	....	2	....	99
1	2	....	....	....	....	1	....	....	....	....	....	2	....	....	....	....	16	....	1	....	100
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	4	....	1	....	101
7	18	2	1	5	24	5	5	9	7	6	8	4	2	6	3	4	173	4	13	....	102
29	74	25	28	17	107	11	12	35	16	21	16	21	17	8	30	34	620	16	74	18	
....	....	....	....	2	3	1	....	....	....	....	....	....	1	....	1	....	21	....	3	....	104
....	....	....	....	....	1	....	1	1	1	....	....	....	....	....	....	....	7	1	1	....	105
....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	105A
....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	7	1	1	....	105B
....	2	....	1	....	2	1	1	4	....	....	....	....	....	....	....	....	15	....	2	....	106
....	1	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	8	....	....	....	106A
....	1	....	1	....	1	....	....	2	....	....	....	....	....	....	....	....	6	....	2	....	106B
....	....	....	....	....	....	1	1	1	....	....	....	....	....	....	....	....	1	....	....	....	106C
14	44	7	16	5	35	2	2	7	4	6	5	8	9	3	10	21	289	4	22	7	107
14	44	7	16	5	35	2	2	7	4	6	5	8	9	3	10	21	289	4	22	7	107A
7	16	10	8	4	48	7	3	12	6	9	4	8	4	2	9	3	203	8	27	7	108
3	8	4	1	1	7	....	5	7	2	....	3	1	1	1	4	4	12	1	8	1	109
1	1	....	1	1	6	....	....	1	....	2	1	....	....	....	1	1	16	1	2	....	110
....	....	2	....	....	1	....	....	1	1	2	1	1	....	1	....	1	7	1	1	2	111
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	1	111A
....	....	2	....	....	1	....	....	1	1	2	1	1	....	1	....	1	6	....	1	1	111B
3	2	2	1	4	2	....	....	2	1	1	1	3	2	1	4	2	35	....	6	1	112
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	113
1	1	....	....	....	2	....	....	....	....	1	1	....	....	....	1	2	15	....	1	....	114
....	....	....	....	....	1	....	....	....	....	1	....	....	....	....	1	1	....	....	....	....	114A
1	1	....	....	....	1	....	....	....	....	....	1	....	....	....	....	1	15	....	1	....	114C
47	88	13	10	13	167	14	26	37	14	27	16	23	17	17	59	12	446	17	89	9	
8	6	....	1	....	11	....	2	5	1	2	2	3	1	2	11	1	30	1	16	....	115
1	3	....	1	....	6	....	1	3	....	....	1	....	....	1	1	....	7	1	4	....	115A
6	1	....	....	....	....	....	1	1	....	....	....	3	....	....	4	1	11	....	8	....	115B
1	2	....	....	....	5	....	....	1	1	2	1	....	1	1	6	....	12	....	4	....	115C
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	2	....	....	....	116
4	8	2	2	1	17	1	3	3	3	10	2	....	2	1	2	1	78	1	10	1	117
1	7	1	1	1	15	....	1	2	2	6	....	....	2	1	1	....	30	....	5	1	117A
3	1	1	1	....	2	1	2	1	1	4	2	....	....	....	1	1	48	1	5	....	117B
....	....	....	....	....	2	....	1	3	1	....	....	....	....	1	2	....	5	....	1	....	118
4	15	....	1	....	57	1	5	4	....	2	....	1	3	....	23	5	34	2	3	1	119
3	5	3	....	2	6	1	1	2	1	3	....	2	2	....	2	....	36	2	6	....	120
1	2	2	....	2	3	1	....	2	1	2	....	....	2	....	2	....	15	2	1	....	120A
2	3	1	....	....	....	....	1	....	....	1	....	2	....	....	....	....	21	....	5	....	120B
13	14	3	3	1	23	7	6	5	4	1	4	6	6	6	7	2	58	2	16	2	121
11	18	2	1	4	22	1	7	7	1	4	3	3	1	1	7	1	85	3	12	4	122
7	7	1	....	2	11	....	2	2	1	2	3	1	....	1	3	1	36	2	4	2	122A
4	11	1	1	2	11	1	5	5	....	2	....	2	1	....	4	....	49	1	8	2	122B
1	4	....	....	....	2	....	1	1	....	....	1	....	....	1	1	....	13	....	....	....	123
....	2	1	1	2	9	....	....	1	1	1	....	3	....	....	1	....	20	1	1	....	124
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	124A
....	1	1	1	2	9	....	....	1	1	1	....	3	....	....	1	....	28	1	1	....	124B
....	1	1	....	2	3	....	....	....	2	1	....	....	1	....	....	....	6	....	2	....	125
....	1	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	3	....	....	....	125A
....	....	1	....	2	2	....	....	....	2	1	....	....	....	....	....	....	3	....	2	....	125B
2	6	....	....	....	4	1	....	2	....	....	1	3	....	....	1	....	30	....	10	....	126
1	8	1	1	1	8	....	....	2	....	3	2	2	....	3	....	2	30	3	9	1	127
....	....	....	....	....	1	1	....	1	....	....	....	....	....	1	1	....	2	....	....	....	128
....	1	....	....	....	2	1	....	1	....	....	1	....	1	....	1	....	8	2	3	....	129

TABLE 40—CAUSES OF DEATH FOR CITIES AND TOWNS

CAUSES OF DEATH	Total	Belleville	Brantford	Chatham	Cornwall	Fort William	Galt	Guelph	Hamilton	Kingston	Kirkland Lake
CLASS X.—DISEASES OF THE GENITO-URINARY SYSTEM											
Total	1,313	20	30	44	26	16	11	26	111	38	4
130. Acute nephritis (including unspecified, under 10 years of age	26	....	....	1	....	....	....	....	....	1	....
131. Chronic nephritis	623	12	11	16	8	6	4	15	57	20	2
132. Nephritis, unspecified (10 years and over)	203	4	8	5	3	3	4	6	16	5	1
133. Other diseases of the kidneys and ureters	77	....	....	4	3	1	1	1	7	3	....
134. Calculi of the urinary passages	40	....	1	....	1	....	....	....	2	....	....
135. Diseases of the bladder (tumours excepted)	32	1	....	1	....	1	1	1	6	....	....
136. Diseases of the urethra, urinary abscess, etc	22	....	1	....	....	1	....	....	....	1	....
136A. Stricture of the urethra	15	....	1	....	....	1	....	....	....	....	....
136B. Others under this title	7	....	....	....	....	....	....	....	....	1	....
137. Diseases of the prostate	243	1	8	16	10	3	1	2	18	8	1
138. Diseases of the male genital organs (not specified as venereal)	1	....	....	....	1	....	....	....	....	....	....
139. Diseases of the female genital organs (not specified as venereal)	46	2	1	1	....	1	....	1	5	....	....
139A. Of the ovary, Fallopian tube and parametrium	27	2	....	1	....	1	....	....	2	....	....
139B. Of the uterus	19	....	1	....	....	....	....	1	3	....	....
CLASS XI.—DISEASES OF PREGNANCY, CHILDBIRTH AND THE PUERPERAL STATE											
Total	211	2	3	10	11	4	1	1	13	5	2
140. Abortion with septic conditions	20	....	....	2	....	1	....	....	1	1	1
140A. Abortion	16	....	....	2	....	1	....	....	1	1	1
140B. Self-induced abortion	4	....	....	....	....	....	....	....	....	....	....
141. Abortion without mention of septic conditions (haemorrhage included)	9	....	....	....	....	....	....	....	1	....	....
141A. Abortion	7	....	....	....	....	....	....	....	1	....	....
141B. Self-induced abortion	2	....	....	....	....	....	....	....	....	....	....
142. Ectopic gestation	13	....	....	....	....	....	....	....	2	....	....
142A. With septic conditions	1	....	....	....	....	....	....	....	....	....	....
142B. Without mention of septic conditions	12	....	....	....	....	....	....	....	2	....	....
143. Other accidents of pregnancy (haemorrhage excluded)	2	....	....	1	....	....	....	....	....	....	....
144. Puerperal haemorrhage	27	1	....	2	2	1	....	....	2	....	....
144A. Placenta praevia	16	....	....	1	2	1	....	....	....	....	....
144B. Other haemorrhages	11	1	....	1	....	....	....	....	2	....	....
145. Puerperal septicaemia (not specified as due to abortion)	54	....	1	1	5	1	1	....	5	4	1
145A. Puerperal septicaemia and pyaemia	54	....	1	1	5	1	1	....	5	4	1
146. Puerperal albuminuria and eclampsia	28	....	1	1	1	....	....	1	....	....	....
147. Other toxaemias of pregnancy	15	....	....	1	....	....	....	....	....	....	....
148. Puerperal phlegmasia alba dolens, embolism or sudden death (not specified as septic)	16	1	....	....	2	....	....	....	1	....	....
148A. Phlegmasia alba dolens and thrombosis	7	....	....	....	1	....	....	....	1	....	....
148B. Embolism	8	1	....	....	1	....	....	....	....	....	....
148C. Sudden death	1	....	....	....	....	....	....	....	....	....	....
149. Other accidents of childbirth	26	....	1	2	1	1	....	....	1	....	....
149A. Caesarean operation	10	....	1	....	1	....	....	....	....	....	....
149B. Other surgical operations and instrumental delivery	1	....	....	....	....	....	....	....	....	....	....
149C. Dystocia	9	....	....	2	....	1	....	....	....	....	....
149D. Rupture of uterus in parturition	2	....	....	....	....	....	....	....	1	....	....
149E. Others under this title	4	....	....	....	....	....	....	....	....	....	....
150. Other or unspecified condition of the puerperal state	1	....	....	....	....	....	....	....	....	....	....
150B. Others under this title	1	....	....	....	....	....	....	....	....	....	....
CLASS XII.—DISEASES OF THE SKIN AND CELLULAR TISSUE											
Total	60	2	2	....	2	....	....	....	3	4	1
151. Carbuncle	19	....	2	....	....	....	....	....	1	1	....
152. Cellulitis, acute abscess	25	2	....	....	2	....	....	....	....	3	1
153. Other diseases of the skin and annexa and of the cellular tissue	16	....	....	....	....	....	....	....	2	....	....
CLASS XIII.—DISEASES OF THE BONES AND ORGANS OF LOCOMOTION											
Total	59	2	3	3	....	....	....	....	2	1	1
154. Osteomyelitis	40	2	1	3	....	....	....	....	1	....	1
155. Other diseases of the bones (tuberculosis excepted)	7	....	1	....	....	....	....	....	....	....	....

OF 10,000 POPULATION AND OVER—ONTARIO, 1936—Continued

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock	
29	105	15	12	5	119	10	5	28	11	21	24	18	25	14	18	7	427	7	75	12	
1	1	1	2	1	4	....	....	....	1	....	....	1	1	....	2	....	7	....	2	....	130
18	54	6	6	1	62	2	4	15	2	10	15	7	11	9	9	2	189	5	38	7	131
4	14	3	4	1	9	2	....	6	3	4	2	2	5	2	4	2	56	2	22	1	132
1	4	1	....	1	8	2	....	1	....	1	3	....	1	....	....	....	31	....	3	....	133
....	5	....	....	....	2	....	....	1	....	1	....	1	1	....	1	....	22	....	2	....	134
....	2	....	....	1	1	1	....	....	1	....	....	....	....	....	....	....	15	....	....	....	135
....	2	....	....	....	1	1	....	....	1	....	....	1	....	....	....	....	13	....	....	....	136
....	1	....	....	....	1	1	....	....	....	....	....	1	....	....	....	....	9	....	....	....	136A
....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	4	....	....	....	136B
5	21	4	....	....	28	2	1	4	3	3	3	4	6	2	1	1	79	....	5	3	137
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	138
....	2	....	....	....	4	....	....	1	....	2	1	2	....	1	1	2	15	....	3	1	139
....	1	....	....	....	4	....	....	1	....	1	1	1	....	....	1	2	7	....	2	....	139A
....	1	....	....	....	....	....	....	....	....	1	....	1	....	1	....	....	8	....	1	1	139B
5	5	5	3	4	17	2	4	6	3	2	1	....	4	3	9	4	57	3	20	2	
....	1	1	....	....	....	....	....	....	....	1	....	....	....	....	1	....	5	....	5	....	140
....	1	1	....	....	....	....	....	....	....	1	....	....	....	....	1	....	2	....	4	....	140A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	....	1	....	140B
....	1	....	....	....	....	....	1	1	1	....	....	....	....	....	....	....	4	....	....	....	141
....	1	....	....	....	....	....	1	1	1	....	....	....	....	....	....	....	2	....	....	....	141A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	141B
2	1	1	....	....	....	....	....	....	....	....	....	....	....	....	2	....	3	....	2	....	142
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	142A
2	1	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	3	....	2	....	142B
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	143
....	....	....	....	1	2	....	....	....	....	1	1	....	1	....	3	....	9	....	1	....	144
....	....	....	....	....	1	....	....	....	....	....	1	....	1	....	3	....	5	....	1	....	144A
....	....	....	....	1	1	....	....	....	....	1	....	....	....	....	....	....	4	....	....	....	144B
....	1	1	....	2	7	....	1	....	....	....	....	....	1	....	2	1	11	1	6	1	145
....	1	1	....	2	7	....	1	....	....	....	....	....	1	....	2	1	11	1	6	1	145A
1	....	....	2	1	4	1	1	....	....	....	....	....	1	1	....	1	8	1	1	1	146
....	....	....	....	....	2	....	....	2	....	....	....	....	....	....	....	1	8	....	1	....	147
....	....	1	....	....	....	....	1	1	....	....	....	....	1	2	1	....	4	....	1	....	148
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	3	....	....	....	148A
....	....	....	....	....	....	....	1	....	....	....	....	....	1	2	....	....	1	....	1	....	148B
....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	148C
2	....	....	1	....	2	1	....	2	2	....	....	....	....	....	....	1	5	1	3	....	149
1	....	....	1	....	1	1	....	1	1	....	....	....	....	....	....	1	1	....	....	....	149A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	149B
1	....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	1	....	2	....	149C
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	149D
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	1	1	....	149E
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	150
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	150B
1	5	1	....	3	2	1	1	....	1	1	....	2	....	2	....	....	23	1	2	....	
....	....	....	....	1	1	....	1	....	1	1	....	1	....	....	....	....	7	1	1	....	151
1	3	1	....	1	....	1	....	....	....	....	....	....	....	....	....	....	9	....	1	....	152
....	2	....	....	1	1	....	....	....	....	....	....	1	....	2	....	....	7	....	....	....	153
2	4	1	....	....	9	....	2	1	1	....	....	1	1	....	2	2	18	....	1	2	
2	3	1	....	....	3	....	1	1	1	....	....	....	1	....	2	2	12	....	1	2	154
....	1	....	....	....	4	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	155

TABLE 40—CAUSES OF DEATH FOR CITIES AND TOWNS

CAUSES OF DEATH	Total	Belleville	Brantford	Chatham	Cornwall	Fort William	Galt	Guelph	Hamilton	Kingston	Kirkland Lake
156. Diseases of the joints and other organs of locomotion.	12	....	1	....	....	....	....	....	1	1	....
156A. Of the joints (tuberculosis and rheumatism excepted)	6	....	....	....	....	....	....	....	1	....	....
156B. Of other organs of locomotion	6	....	1	....	....	....	....	....	....	1	....
CLASS XIV.—CONGENITAL MALFORMATIONS											
Total	279	6	3	8	8	3	....	....	20	10	4
157. Congenital malformations (stillbirths excluded)	279	6	3	8	8	3	....	....	20	10	4
157A. Congenital hydrocephalus	39	....	....	2	1	....	....	....	....	2	....
157B. Spina bifida and meningocele	50	1	1	....	4	1	....	....	2	1	2
157C. Congenital malformations of the heart	92	3	2	4	1	1	....	....	8	5	....
157D. Monstrosities	7	....	....	....	1	....	....	....	....	....	1
157E. Others under this title	91	2	....	2	1	1	....	....	10	2	1
CLASS XV.—DISEASES OF EARLY INFANCY											
Total	892	16	17	12	28	10	3	8	50	21	14
158. Congenital debility	46	....	1	1	1	....	....	1	4	....	2
159. Premature birth	589	10	12	5	21	8	3	5	31	11	11
160. Injury at birth	148	6	2	6	3	1	....	2	11	8	1
160A. With mention of caesarean operation	3	....	....	....	....	....	....	....	....	....	....
160B. Without mention of caesarean operation	145	6	2	6	3	1	....	2	11	8	1
161. Other diseases peculiar to early infancy (under 3 months)	109	....	2	....	3	1	....	....	4	2	....
161A. Atelectasis	35	....	1	....	2	....	....	....	1	1	....
161B. Icterus of the new-born	15	....	....	....	....	....	....	....	....	....	....
161D. Athrepsia	3	....	....	....	....	....	....	....	....	....	....
161E. Others, including lack of care	56	....	1	....	1	1	....	....	3	1	....
CLASS XVI.—SENILITY											
Total	128	3	4	1	2	2	....	3	9	4	....
162. Senility	128	3	4	1	2	2	....	3	9	4	....
162A. With senile dementia (70 years and over)	35	....	1	....	....	1	....	....	3	2	....
162B. Without senile dementia (70 years and over)	91	3	3	1	2	1	....	3	6	2	....
162C. Premature senility (55 years but under 70 years)	2	....	....	....	....	....	....	....	....	....	....
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS											
Total	1,693	30	41	28	15	23	19	17	161	38	23
163-171. Suicides	192	2	4	1	1	6	2	2	12	4	1
163. Suicide by solid or liquid poisons or by absorption of corrosive substances	44	....	1	....	....	1	....	....	1	....	....
164. Suicide by poisonous gas	23	....	1	....	....	....	....	....	1	3	....
165. Suicide by hanging or strangulation	35	1	....	1	....	3	....	....	4	....	....
166. Suicide by drowning	21	....	2	....	....	....	....	....	1	....	....
167. Suicide by firearms	30	1	....	....	1	2	1	....	3	1	....
168. Suicide by cutting or piercing instruments	13	....	....	....	....	....	1	1	....	....	....
169. Suicide by jumping from high places	18	....	....	....	....	....	....	....	1	....	....
170. Suicide by crushing	3	....	....	....	....	....	....	1	....	....	....
171. Suicide by other means	5	....	....	....	....	....	....	....	1	....	1
173-175. Homicides	29	....	....	....	....	2	....	....	3	1	....
173. Homicide by firearms	4	....	....	....	....	....	....	....	....	....	....
174. Homicide by cutting or piercing instruments	4	....	....	....	....	....	....	....	....	1	....
175. Homicide by other means	21	....	....	....	....	2	....	....	3	....	....
176-198. Other violent deaths	1,472	28	37	27	14	15	17	15	146	33	22
176. Attack by venomous animals	1	....	....	....	....	....	....	....	....	....	....
177. Food poisoning	4	1	....	....	....	....	....	....	....	....	....
178. Accidental absorption of toxic gases	13	....	....	....	....	....	1	....	2	....	....
179. Other acute accidental poisonings (except by gas)	16	....	....	....	....	....	....	....	1	....	1
180. Conflagration	16	1	....	....	....	2	....	1	....	....	....
181. Accidental burns (conflagration excepted)	74	....	2	4	....	....	2	1	6	1	2
182. Accidental mechanical suffocation	29	....	....	1	....	1	....	....	1	2	1
183. Accidental drowning	47	1	1	....	....	2	....	....	3	4	....
184. Accidental injury by firearms	7	1	1	....	....	1	....	....	....	1	....

OF 10,000 POPULATION AND OVER—ONTARIO, 1936—Continued

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock	
....	....	....	....	....	2	....	1	....	....	....	....	....	....	....	....	....	6	....	....	....	156
....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	3	....	....	....	156A
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	3	....	....	....	156B
6	19	1	....	3	31	....	....	9	2	6	4	5	1	2	4	3	101	....	17	3	
6	19	1	....	3	31	....	....	9	2	6	4	5	1	2	4	3	101	....	17	3	157
3	2	....	....	1	5	....	....	1	1	2	....	2	....	....	....	1	15	....	1	....	157A
....	3	....	....	1	6	....	....	1	....	1	1	2	....	1	2	....	15	....	5	....	157B
2	9	....	....	....	8	....	....	5	....	....	2	....	....	....	2	1	32	....	4	3	157C
....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	2	....	157D
1	5	....	....	1	11	....	....	2	1	3	1	1	1	1	....	1	38	....	5	....	157E
17	30	5	14	24	115	9	12	21	15	18	10	11	22	6	29	28	258	13	52	4	
2	2	....	....	....	7	....	2	2	2	1	....	....	1	1	3	3	4	1	4	1	158
12	14	5	7	19	82	5	6	13	7	10	10	6	13	2	16	16	183	10	34	2	159
2	9	....	6	1	17	2	3	4	4	1	....	1	5	....	4	4	36	....	9	....	160
....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	1	....	....	....	160A
2	9	....	6	1	17	2	3	3	4	1	....	1	5	..	4	3	35	....	9	....	160B
1	5	....	1	4	9	2	1	2	2	6	....	4	3	3	6	5	35	2	5	1	161
1	2	....	....	1	2	....	....	2	1	1	....	3	....	1	....	3	11	....	1	1	161A
....	2	....	....	....	2	....	....	....	....	1	....	....	....	....	....	2	7	....	1	....	161B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	....	....	....	....	....	161D
....	1	....	1	3	5	2	1	....	1	4	....	1	3	2	3	....	17	2	3	....	161E
....	12	3	2	2	13	....	1	4	3	3	1	1	2	2	....	....	45	....	1	5	
....	12	3	2	2	13	....	1	4	3	3	1	1	2	2	....	....	45	....	1	5	162
....	7	1	....	1	1	....	....	....	1	....	....	1	....	....	....	....	16	....	....	....	162A
....	5	2	2	1	12	....	1	4	2	3	1	....	2	1	....	....	29	....	....	5	162B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	162C
37	105	28	9	21	104	20	14	23	27	33	29	26	21	21	30	22	610	18	82	18	
4	7	5	2	3	13	5	2	3	7	2	4	3	2	6	2	1	69	1	14	2	163–171
1	3	2	....	....	2	1	1	....	....	1	2	1	1	2	1	....	19	....	3	1	163
....	....	....	....	....	....	1	....	1	....	....	....	....	....	1	....	....	14	....	1	....	164
1	2	1	1	1	1	2	....	....	5	....	....	....	1	....	....	....	6	....	4	1	165
1	....	1	....	....	2	....	....	2	1	1	....	1	....	....	....	1	6	....	2	....	166
....	2	....	....	2	5	1	1	....	1	....	1	....	....	1	....	....	6	....	1	....	167
1	....	1	1	....	2	....	....	....	....	....	....	1	....	2	....	....	2	....	1	....	168
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	15	....	1	....	169
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	170
....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	1	....	....	171
1	1	....	....	....	2	....	....	....	2	2	....	3	....	....	....	....	11	....	1	....	173–175
....	....	....	....	....	....	....	....	....	....	....	....	3	....	....	....	....	1	....	....	....	173
....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	174
1	1	....	....	....	1	....	....	....	1	2	....	....	....	....	....	....	9	....	1	....	175
32	97	23	7	18	89	15	12	20	18	29	25	20	19	15	28	21	530	17	67	16	176–198
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	176
....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	177
2	....	....	....	....	2	....	....	....	....	1	....	....	1	....	....	....	4	....	....	....	178
....	3	....	....	1	1	....	....	....	....	1	1	1	1	....	1	....	2	....	2	....	179
....	....	....	....	....	5	....	....	....	....	....	....	....	....	....	1	6	....	....	....	....	180
4	5	....	....	1	7	....	....	....	....	2	2	4	1	1	1	1	20	2	5	....	181
....	3	....	....	....	2	....	....	1	2	....	....	....	1	....	1	....	12	....	1	....	182
....	....	2	....	....	6	4	3	2	1	1	....	1	3	....	2	1	8	1	1	....	183
....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	1	....	....	....	184

TABLE 40—CAUSES OF DEATH FOR CITIES AND TOWNS

CAUSES OF DEATH	Total	Belleville	Brantford	Chatham	Cornwall	Fort William	Galt	Guelph	Hamilton	Kingston	Kirkland Lake
185. Accidental injury by cutting or piercing instruments.	12	....	1	1	1	....	....	1	1	....	....
186. Accidental injury by fall, crushing or landslide.....	725	15	17	17	10	6	6	7	66	22	15
187. Cataclysm.....	2	2	....	....	....	....	....	....	....	....	....
188. Injuries by animals.....	9	....	....	....	....	....	1	....	....	....	....
189. Hunger or thirst.....	1	....	....	....	....	....	....	....	....	....	....
190. Excessive cold.....	5	....	....	....	....	....	....	....	....	1	....
191. Excessive heat.....	463	5	14	4	....	....	6	3	62	2	....
192. Lightning.....	1	....	....	....	....	....	....	....	1	....	....
193. Accidents due to electric currents.....	6	....	....	....	....	....	....	1	1	....	....
194. Other accidents.....	34	1	1	....	2	....	1	1	2	....	3
194A. Foreign body.....	1	....	....	....	....	....	....	....	....	....	....
194B. Others under this title.....	33	1	1	....	2	..	1	1	2	....	3
195. Violent deaths of which the nature (accident, suicide, homicide) is unknown.....	6	1	....	....	1	3	....	....	....	....	....
198. Capital punishment.....	1	....	....	....	....	....	....	....	....	....	....
CLASS XVIII.—ILL-DEFINED CAUSES OF DEATH											
Total.....	13	....	....	....	1	....	....	....	....	....	....
199. Sudden death.....	3	....	....	....	....	....	....	....	....	....	....
200. Cause of death not specified or ill-defined.....	10	....	....	....	1	....	....	....	....	....	....

SPECIAL CLASSES OF ACCIDENTAL DEATHS FOR

(Included also under the numbers of the

A. Accidents in mines and quarries.....	26	....	....	....	....	....	....	....	....	....	16
B. Accidents caused by machines.....	19	....	....	....	1	....	....	2	2	....	....
C. Railway accidents.....	39	2	....	1	....	1	1	....	2	....	....
D. Street-car accidents.....	9	....	....	....	....	....	....	....	1	....	....
E. Automobile and motorcycle accidents.....	292	8	7	11	8	4	2	3	23	7	3
F. Other land transportation.....	23	1	....	....	....	1	....	....	2	1	....
G. Water transportation.....	14	....	....	....	....	1	....	....	....	3	....
H. Air transportation.....	4	....	....	....	....	....	....	....	....	....	....

OF 10,000 POPULATION AND OVER—ONTARIO, 1936—Continued

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock	
1	1	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	3	....	....	....	185
14	42	17	5	14	54	7	7	10	13	19	12	9	8	7	16	10	222	13	41	4	186
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	187
....	....	....	....	....	1	....	1	....	....	1	....	1	....	1	....	....	2	1	....	....	188
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	189
....	....	....	....	....	1	1	....	....	....	....	....	....	....	2	....	....	....	....	....	....	190
9	41	4	....	2	3	3	....	5	....	4	9	4	2	6	3	2	245	....	13	12	191
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	192
....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	2	....	....	....	193
1	2	....	2	....	4	....	....	1	1	....	1	....	....	....	1	1	5	....	4	....	194
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	194A
1	2	....	1	....	4	....	....	1	1	....	1	....	....	....	1	1	5	....	4	....	194B
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	195
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	198
....	2	....	....	....	3	....	....	1	1	....	....	....	....	....	2	1	2	....	....	....	
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	199
....	1	....	....	....	3	....	....	1	1	....	....	....	....	....	1	1	1	....	....	....	200

CITIES AND TOWNS OF 10,000 POPULATION AND OVER

International List above), ONTARIO, 1936

....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	3	5	1	....	....	....	A
1	1	....	....	....	....	....	2	....	1	1	....	1	....	....	....	....	2	3	2	....	B
1	2	....	1	1	3	....	1	....	1	....	3	1	....	....	5	1	8	....	3	1	C
....	1	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	4	....	1	....	D
6	21	5	4	8	21	1	2	5	4	11	5	3	4	2	5	3	80	4	22	....	E
....	2	....	....	....	6	....	....	....	....	....	1	....	....	....	....	1	7	....	1	....	F
....	....	....	....	....	....	5	3	....	1	....	....	....	....	....	....	....	1	....	....	....	G
....	....	....	....	....	....	....	....	....	3	....	....	....	....	....	....	....	1	....	....	....	H

TABLE 41—CAUSES OF DEATH FOR TOWNS OF 5,000 TO

CAUSES OF DEATH	Total	Barrie	Brampton	Brockville	Cobourg	Collingwood	Eastview	Forest Hill	Fort Erie
DEATHS—ALL CAUSES. **Total**	**2,412**	**92**	**85**	**177**	**104**	**102**	**47**	**34**	**68**
CLASS I.—INFECTIOUS AND PARASITIC DISEASES									
Total	171	6	2	9	9	5	7	1	5
1. Typhoid fever	7	....	....	....	....	....	....	....	....
7. Measles	5	....	....	1	....	....	1	....	....
8. Scarlet fever	4	....	....	....	....	....	....	....	2
9. Whooping-cough	5	....	1	....	....	....	....	....	....
10. Diphtheria	1	....	....	....	....	....	1	....	....
11. Influenza	33	....	....	1	5	3	2	....	....
11B. With bronchitis	2	....	....	....	....	1	....	....	....
11C. With pneumonia	13	....	....	....	....	1	2	....	....
11D. With other diseases of the respiratory system	3	....	....	....	1	....	....	....	....
11E. With intestinal complications	2	....	....	....	1	....	....	....	....
11F. With other causes	13	....	....	1	3	1	....	....	....
13. Dysentery	6	....	....	....	....	....	1	....	....
15. Erysipelas	6	....	....	....	1	....	....	....	....
16. Poliomyelitis and polioencephalitis (acute)	2	....	....	....	....	....	....	....	....
18. Epidemic cerebrospinal meningitis	1	....	....	....	....	....	....	....	....
22. Tetanus	2	....	....	....	....	....	....	....	....
23–32. Tuberculosis	80	4	....	6	3	2	2	....	2
23. Tuberculosis of the respiratory system	63	3	....	2	3	....	2	....	2
24. Tuberculosis of the meninges and central nervous system	4	....	....	2	....	....	....	....	....
25. Tuberculosis of the intestines and peritoneum	5	1	....	1	....	....	....	....	....
26. Tuberculosis of the vertebral column	1	....	....	....	....	....	....	....	....
27. Tuberculosis of the bones and joints (vertebral column excepted)	1	....	....	....	....	....	....	....	....
27A. Of bones	1	....	....	....	....	....	....	....	....
30. Tuberculosis of the genito-urintary system	3	....	....	....	....	2	....	....	....
32. Disseminated tuberculosis	3	....	....	1	....	....	....	....	....
32A. Acute	1	....	....	....	....	....	....	....	....
32C. Not specified	2	....	....	1	....	....	....	....	....
34. Syphilis	9	....	....	1	....	....	....	....	....
35. Gonococcus infection and other venereal diseases	1	....	....	....	....	....	....	....	....
36. Purulent infection, septicaemia (non-puerperal)	4	....	1	....	....	....	....	....	1
44. Other infectious or parasitic diseases	5	2	....	....	....	....	....	1	....
44B. German measles	1	....	....	....	....	....	....	1	....
44C. Others under this title	4	2	....	....	....	....	....	....	....
CLASS II.—CANCER AND OTHER TUMOURS									
Total	270	9	11	20	15	14	4	8	9
45–53. Cancer and other malignant tumours	255	8	10	20	14	12	4	8	8
45. Cancer of the buccal cavity and pharynx	8	....	....	1	....	....	....	....	....
46. Cancer of the digestive trace and peritoneum	128	3	5	9	8	8	2	6	2
46A. Of the oesophagus	8	....	....	....	2	....	1	....	....
46B. Of the stomach and duodenum	43	2	4	2	1	1	....	4	1
46C. Of the rectum	9	....	1	1	2	....	....	....	....
46D. Of the liver and biliary ducts	14	....	....	....	....	....	....	....	....
46E. Of the pancreas	6	1	....	....	....	2	....	....	....
46G. Of other organs	48	....	....	6	3	5	1	2	1
47. Cancer of the respiratory organs	7	1	....	....	1	....	....	....	....
47A. Of the larynx	2	1	....	....	....	....	....	....	....
46B. Of the lung	5	....	....	....	1	....	....	....	....
48. Cancer of the uterus	19	1	....	3	1	....	....	....	2
48A. Of the uterus	14	1	....	3	....	....	....	....	1
48B. Of the cervix uteri	5	....	....	....	1	....	....	....	1
49. Cancer of other female genital organs	5	....	....	1	....	....	....	....	1
50. Cancer of the breast	38	1	2	4	3	2	2	2	....
51. Cancer of the male genito-urinary organs	15	....	....	1	....	....	....	....	2
51A. Of the bladder	4	....	....	....	....	....	....	....	1
51B. Of the kidney	1	....	....	1	....	....	....	....	....
51C. Of the prostate gland	9	....	....	....	....	....	....	....	1
51D. Of the testicles and annexa	1	....	....	....	....	....	....	....	....
52. Cancer of the skin	7	....	1	....	....	....	....	....	....
53. Cancer of other or unspecified organs	28	1	2	1	1	2	....	....	1
53C. Of the glandular system	4	1	....	....	....	....	....	....	....
54D. Of the female urinary organs	6	....	1	....	....	....	....	....	1
53E. Of the bones and joints	4	....	....	....	1	....	....	....	....
53F. Of the brain	4	....	....	....	....	....	....	....	....
53G. Of the spine and spinal cord	3	....	....	1	....	2	....	....	....
53H. Of the neck	3	....	....	....	....	....	....	....	....
53I. Of the abdomen	2	....	1	....	....	....	....	....	....

10,000 POPULATION IN THE PROVINCE ON ONTARIO, 1936

Fort Frances	Hawkesbury	Ingersoll	Kenora	Leamington	Lindsay	Midland	Mimico	New Toronto	Orillia	Port Colborne	Preston	Renfrew	Riverside	Simcoe	Smith's Falls	Swansea	Trenton	Waterloo	Weston	Whitby	
36	61	97	92	65	151	78	37	174	178	29	43	71	10	113	107	31	67	68	29	166	
6	6	5	9	6	5	6	1	33	4	1	4	8	1	10	10	1	3	3	1	4	
....	....	....	....	....	1	....	....	....	....	....	....	5	....	1	....	....	....	....	....	....	1
....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	7
1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	8
....	....	....	1	....	....	2	....	....	....	....	....	....	....	....	1	....	....	....	....	....	9
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	10
3	....	3	....	5	....	1	1	1	....	....	....	2	....	2	4	....	....	....	....	....	11
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	11B
2	....	2	....	2	....	1	1	....	....	....	....	....	....	....	2	....	....	....	....	....	11C
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	11D
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	11E
1	....	....	....	2	....	....	....	1	....	....	....	2	....	1	1	....	....	....	....	....	11F
....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	2	....	....	1	13
....	1	....	....	....	....	....	....	....	....	....	1	....	1	1	....	....	....	....	....	1	15
....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	16
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	18
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	22
1	3	2	5	1	4	2	....	29	1	1	2	1	....	1	3	1	....	3	1	....	23–32
....	3	2	2	....	4	1	....	29	1	....	1	1	....	1	3	1	....	2	....	....	23
....	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	24
....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	25
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	26
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	27
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	27A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	30
....	....	....	....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	32
....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	32A
....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	32C
....	....	....	....	....	....	....	....	2	1	....	1	....	....	2	....	....	....	....	....	2	34
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	35
....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	36
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	44
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	44B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	44C
4	5	14	9	6	21	8	5	7	15	2	6	9	2	7	15	10	10	12	3	10	
3	4	14	9	6	18	7	5	7	15	2	6	7	2	7	15	10	9	12	3	10	45–53
....	....	....	....	....	....	....	....	1	2	....	....	1	....	....	....	....	....	2	....	....	45
3	4	7	4	1	12	6	4	4	5	1	4	3	....	2	7	4	4	5	2	3	46
....	....	1	....	....	....	1	1	....	....	....	....	1	....	....	1	....	....	....	....	....	46A
2	3	2	2	1	5	2	....	....	1	....	1	1	....	....	3	2	....	1	1	1	46B
....	....	1	....	....	....	....	....	2	....	1	1	....	....	....	....	....	....	....	....	....	46C
....	1	1	....	....	....	1	2	....	1	....	1	....	....	....	2	....	2	1	1	1	46D
....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	1	....	....	....	....	46E
1	....	2	2	....	7	2	1	2	3	....	....	1	....	2	....	1	2	3	....	1	46G
....	....	....	1	....	....	....	....	1	....	....	....	....	....	1	....	1	....	1	....	....	47
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	47A
....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	1	....	1	....	....	47B
....	....	1	....	2	....	....	1	....	1	....	1	1	....	1	....	....	1	1	....	2	48
....	....	....	....	2	....	....	1	....	....	....	1	1	....	....	....	....	1	1	....	2	48A
....	....	1	....	....	....	....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	48B
....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	49
....	....	1	1	1	2	....	....	....	3	....	....	....	1	....	3	4	1	1	1	3	50
....	....	3	1	....	1	1	....	....	1	....	1	....	....	2	....	....	1	....	....	1	51
....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	51A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	51B
....	....	2	....	....	1	1	....	....	1	....	1	....	....	1	....	....	1	....	....	....	51C
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	51D
....	....	....	....	1	1	....	....	....	....	....	....	1	1	....	2	....	....	....	....	....	52
....	....	2	2	1	1	....	....	1	2	1	....	1	....	1	3	1	2	1	....	1	53
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	2	....	....	....	....	....	53C
....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	1	....	....	1	53D
....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	....	53E
....	....	....	1	....	....	....	....	1	1	....	....	....	....	1	....	....	....	....	....	....	53F
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	53G
....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	53H
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	53I

TABLE 41—CAUSES OF DEATH FOR TOWNS OF 5,000 TO

CAUSES OF DEATH	Total	Barrie	Brampton	Brockville	Cobourg	Collingwood	Eastview	Forest Hill	Fort Erie
53J. Of other specified organs	2	....	....	....	....	....	....	....	....
54. Non-malignant tumours	15	1	1	....	1	2	....	....	1
54A. Of the ovary	2	....	....	....	....	....	....	....	....
54B. Of the uterus	4	1	....	....	....	....	....	....	....
54D. Of the brain	2	....	....	....	....	....	....	....	....
54E. Of the thyroid gland	3	....	1	....	....	....	....	....	1
54F. Of the prostate gland	4	....	....	....	1	2	....	....	....
CLASS III.—RHEUMATIC DISEASES, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS AND OTHER GENERAL DISEASES									
Total	58	1	2	3	1	2	2	1	2
56. Acute rheumatic fever	8	....	....	....	....	....	....	....	....
59. Diabetes mellitus	32	1	1	2	1	1	2	1	1
63. Rickets	1	....	....	....	....	....	....	....	....
66. Diseases of the thyroid and parathyroid glands	8	....	....	1	....	1	....	....	1
66A. Simple goitre	1	....	....	....	....	....	....	....	1
66B. Exophthalmic goitre	6	....	....	1	....	1	....	....	....
66E. Others under this title	1	....	....	....	....	....	....	....	....
67. Diseases of the thymus gland	5	....	1	....	....	....	....	....	....
68. Diseases of the adrenals (Addison's disease)	2	....	....	....	....	....	....	....	....
69. Other general diseases	2	....	....	....	....	....	....	....	....
69A. Fatty or amyloid degeneration	1	....	....	....	....	....	....	....	....
69C. Others under this title	1	....	....	....	....	....	....	....	....
CLASS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS									
Total	31	2	3	5	3	2	1	....	....
70. Haemorrhagic conditions	1	....	....	....	1	....	....	....	....
70A. Simple purpura	1	....	....	....	1	....	....	....	....
71. Anaemia	23	2	3	4	1	2	1	....	....
71A. Pernicious anaemia	19	2	2	4	....	1	1	....	....
71B. Others under this title	4	....	1	....	1	1	....	....	....
72. Leukaemia and aleukaemia	6	....	....	1	1	....	....	....	....
72A. Leukaemia	5	....	....	1	1	....	....	....	....
72B. Aleukaemia (Hodgkin's disease)	1	....	....	....	....	....	....	....	....
73. Diseases of the spleen	1	....	....	....	....	....	....	....	....
CLASS V.—CHRONIC POISONINGS AND INTOXICATIONS									
Total	8	....	....	....	....	....	....	....	3
75. Alcoholism	8	....	....	....	....	....	....	....	3
75B. Other alcoholic intoxications	8	....	....	....	....	....	....	....	3
CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE									
Total	176	1	2	4	7	4	1	1	3
78. Encephalitis (non-epidemic)	5	....	....	....	1	1	....	....	....
79. Simple meningitis	1	....	....	....	....	....	....	....	....
81. Other diseases of the spinal cord	8	....	....	....	....	....	....	....	2
82. Cerebral haemorrhage, cerebral embolism and thrombosis	34	1	1	....	2	2	1	1	1
82A. Cerebral haemorrhage	26	....	1	....	....	2	1	1	1
82B. Cerebral embolism and thrombosis	4	1	....	....	2	....	....	....	....
82C. Softening of the brain	1	....	....	....	....	....	....	....	....
82D. Hemiplegia and other paralysis, cause not specified	3	....	....	....	....	....	....	....	....
83. General paralysis of the insane	23	....	....	2	....	....	....	....	....
84. Dementia praecox and other psychoses	71	....	....	....	1	....	....	....	....
84A. Dementia praecox	55	....	....	....	1	....	....	....	....
84B. Other psychoses	16	....	....	....	....	....	....	....	....
85. Epilepsy	6	....	1	1	....	....	....	....	....
87. Other diseases of the nervous system	19	....	....	....	2	1	....	....	....
87B. Neuralgia and neuritis	2	....	....	....	1	....	....	....	....
87C. Paralysis agitans	6	....	....	....	....	....	....	....	....
87D. Sclerosis (other than of the spinal cord)	6	....	....	....	1	1	....	....	....

10,000 POPULATION IN THE PROVINCE OF ONTARIO, 1936—Continued

Fort Frances	Hawkesbury	Ingersoll	Kenora	Leamington	Lindsay	Midland	Mimico	New Toronto	Orillia	Port Colborne	Preston	Renfrew	Riverside	Simcoe	Smith's Falls	Swansea	Trenton	Waterloo	Weston	Whitby	
			1															1			53J
1	1				3	1						2					1				54
					1	1															54A
1	1				1																54B
												1					1				54D
												1									54E
					1																54F
	6	6			7	2	4	1	4		2	4	1	3				3	1		
	1	2				1	1		1		1			1							56
	3	3			3	1	2	1	2		1	1		2				3			59
					1																63
	2				1							1	1								66
																					66A
	2				1								1								66B
												1									66E
					2		1												1		67
		1										1									68
									1			1									69
												1									69A
									1												69C
1		2	2	1	1		1	1	3							1	1			1	
																					70
																					70A
		2		1	1		1	1	1							1	1			1	71
		2		1	1		1	1	1							1				1	71A
																	1				71B
1			1						2												72
			1						2												72A
1																					72B
			1																		73
			2						1								1			1	
			2						1								1			1	75
			2						1								1			1	75B
1	2	5	3	2	6	2	1	56	14	1	1	3	1	7	6	2	2		3	35	
1	1									1											78
												1									79
		1							2		1					1	1				81
		2	2	1	2			1	2			2	1	3	3	1	1		3	1	82
		2	2	1	1			1	2			2	1	2		1	1		3	1	82A
															1						82B
														1							82C
					1										2						82D
								12						2	2					5	83
		1						42	1											26	84
								41												13	84A
		1						1	1											13	84B
						1		1	2												85
			1		2	1	1		6					1	1					3	87
															1						87B
			1		2		1		1					1							87C
						1			2											1	

TABLE 41—CAUSES OF DEATH FOR TOWNS OF 5,000 TO

CAUSES OF DEATH	Total	Barrie	Brampton	Brockville	Cobourg	Collingwood	Eastview	Forest Hill	Fort Erie
87E. Others under this title	5	....	....	....	....	....	....	....	....
88. Diseases of the organs of vision	3	....	....	1	....	....	....	....	....
89. Diseases of the ear and mastoid process	6	....	....	....	1	....	....	....	....
89A. Otitis	3	....	....	....	1	....	....	....	....
89B. Diseases of the mastoid process	3	....	....	....	....	....	....	....	....
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM									
Total	800	34	37	76	37	39	12	17	20
90–95. Diseases of the heart	460	15	18	39	28	20	9	13	9
91. Acute endocarditis	5	....	....	1	....	....	....	....	....
91A. Endocarditis, specified as acute	3	....	....	....	....	....	....	....	....
91B. Endocarditis, unspecified (under 45 years of age)	2	....	....	1	....	....	....	....	....
92. Chronic endocarditis, valvular diseases	88	2	6	7	4	5	1	3	....
92A. Endocarditis specified as chronic and other valvular diseases	64	2	4	3	4	1	1	2	....
92B. Endocarditis, unspecified (45 years and over)	24	....	2	4	....	4	....	1	....
93. Diseases of the myocardium	160	5	3	19	18	5	4	5	8
93A. Acute myocarditis	11	....	....	....	1	....	1	1	2
93B. Myocarditis, unspecified (under 45 years of age)	3	....	....	....	....	....	....	....	....
93C. Chronic myocarditis and myocardial degeneration	78	3	1	5	13	....	....	3	4
93D. Myocarditis, unspecified (45 years and over)	68	2	2	14	4	5	3	1	2
94. Diseases of the coronary arteries and angina pectoris	187	7	6	11	5	9	3	5	1
94A. Diseases of the coronary arteries	8	....	....	....	....	....	....	3	....
94B. Embolism and thrombosis of the coronary arteries	154	7	4	9	5	7	1	2	....
94C. Angina pectoris	25	....	2	2	....	2	2	....	1
95. Other diseases of the heart	20	1	3	1	1	1	1	....	....
95A. Functional diseases of the heart	4	....	3	....	....	....	....	....	....
95B. Other and unspecified	16	1	....	1	1	1	1	....	....
96. Aneurysm (except of the heart)	2	1	....	....	....	....	....	....	....
97. Arteriosclerosis (of coronary arteries excepted)	280	14	14	32	6	18	2	3	9
98. Gangrene	3	....	....	....	....	1	....	....	1
99. Other diseases of the arteries	4	....	....	....	....	....	....	....	....
100. Diseases of the veins (varices, haemorrhoids, phlebitis, etc.)	4	....	1	....	....	....	....	1	....
102. Idiopathic abnormalities of blood pressure	47	4	4	5	3	....	1	....	1
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM									
Total	194	11	5	11	4	8	3	2	5
104. Diseases of the nasal fossae and annexa	1	....	....	....	....	....	....	....	....
105. Diseases of the larynx	1	....	....	....	....	....	....	....	....
105B. Other diseases of the larynx	1	....	....	....	....	....	....	....	....
106. Bronchitis	1	....	....	....	....	....	....	....	....
106C. Unspecified	1	....	....	....	....	....	....	....	....
107. Bronchopneumonia	102	3	2	6	1	3	1	....	3
107A. Bronchopneumonia	102	3	2	6	1	3	1	....	3
108. Lobar pneumonia	49	4	3	4	1	1	1	1	2
109. Pneumonia, unspecified	22	2	....	....	1	2	....	....	....
110. Pleurisy	3	....	....	....	....	....	....	....	....
111. Congestion and haemorrhagic infarct of the lung, etc.	4	1	....	....	1	....	....	1	....
111B. Others under this title	4	1	....	....	1	....	....	1	....
112. Asthma	6	1	....	....	....	1	1	....	....
114. Other diseases of the respiratory system (tuberculosis excepted)	5	....	....	1	....	1	....	....	....
114A. Chronic interstitial pneumonia including occupational diseases of the respiratory system	1	....	....	1	....	....	....	....	....
114C. Others under this title	4	....	....	....	....	1	....	....	....
CLASS IX —DISEASES OF THE DIGESTIVE SYSTEM									
Total	141	1	4	14	4	10	5	....	8
115 Diseases of the buccal cavity and annexa, and of the pharynx and tonsils (including adenoid vegetations)	12	....	....	....	....	1	....	....	2
115A Diseases of the buccal cavity and annexa	3	....	....	....	....	....	....	....	1
115B Diseases of the tonsils	2	....	....	....	....	....	....	....	....
115C Others under this title	7	....	....	....	....	1	....	....	1
117 Ulcer of the stomach or duodenum	12	....	1	3	....	1	1	....	....
117A Ulcer of the stomach	7	....	....	3	....	....	1	....	....
117B Ulcer of the duodenum	5	....	1	....	....	1	....	....	....
119 Diarrhoea and enteritis (under 2 years of age)	19	....	....	1	1	3	2	....	1
120 Diarrhoea and enteritis (2 years and over)	12	....	....	....	1	1	....	....	2
120A Diarrhoea and enteritis	11	....	....	....	1	1	....	....	2
120B Ulceration of the intestines	1	....	....	....	....	....	....	....	....
121 Appendicitis	27	....	1	3	....	1	....	....	....

10,000 POPULATION IN THE PROVINCE OF ONTARIO, 1936—Continued

Fort Frances	Hawkesbury	Ingersoll	Kenora	Leamington	Lindsay	Midland	Mimico	New Toronto	Orillia	Port Colborne	Preston	Renfrew	Riverside	Simcoe	Smith's Falls	Swansea	Trenton	Waterloo	Weston	Whitby	
....	....	....	....	....	....	....	....	....	3	....	....	....	....	....	....	....	....	....	....	2	87E
....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	88
....	1	....	....	....	2	....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	89
....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	89A
....	1	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	89B
11	6	33	22	28	48	37	17	31	57	12	10	25	2	31	30	10	22	26	12	58	
8	4	19	13	17	17	21	15	23	37	7	6	18	2	18	15	6	17	17	8	21	90–95
....	....	....	....	1	1	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	91
....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	91A
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	91B
1	2	2	4	1	5	4	1	1	9	2	5	5	....	2	7	....	3	2	....	4	92
....	1	1	3	1	4	1	1	1	8	2	5	4	....	1	7	....	3	1	....	3	92A
1	1	1	1	....	1	3	....	....	1	....	....	1	....	1	....	....	....	1	....	1	92B
....	2	6	5	4	6	1	2	13	8	1	....	7	....	6	4	....	10	5	2	11	93
....	....	1	....	....	....	....	....	1	2	1	....	....	....	....	....	....	....	....	....	1	93A
....	....	....	1	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	93B
....	....	2	....	3	1	1	2	6	4	....	....	6	....	2	3	....	6	1	2	10	93C
....	2	3	4	....	5	....	....	6	2	....	....	1	....	3	1	....	4	4	....	....	93D
6	....	11	4	11	5	13	11	9	17	4	1	6	1	9	3	6	2	9	6	6	94
2	....	2	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	94A
3	....	7	3	8	2	12	10	8	16	4	1	4	1	9	2	6	2	9	6	6	94B
1	....	2	1	3	3	1	1	....	1	....	....	2	....	....	1	....	....	....	....	....	94C
1	....	....	....	....	....	3	1	....	3	....	....	....	....	1	1	....	2	....	....	....	95
....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	95A
1	....	....	....	....	....	2	1	....	3	....	....	....	....	1	1	....	2	....	....	....	95B
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	96
3	2	8	7	11	21	13	1	6	15	5	4	7	....	12	14	2	3	8	3	37	97
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	98
....	....	1	....	....	2	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	99
....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	100
....	....	2	2	....	7	3	1	2	5	....	....	....	....	....	1	2	2	1	1	....	102
1	8	3	8	2	14	4	2	19	14	2	5	6	....	7	9	1	9	2	1	28	
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	104
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	105
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	105B
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	106
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	106C
....	5	....	3	2	8	1	1	17	5	2	....	2	....	2	5	....	5	....	1	24	107
....	5	....	3	2	8	1	1	17	5	2	....	2	....	2	5	....	5	....	1	24	107A
....	2	1	2	....	3	1	....	1	3	....	4	2	....	4	3	....	3	....	....	3	108
1	1	....	2	....	1	2	....	1	2	....	1	2	....	....	1	....	1	2	....	....	109
....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	110
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	111
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	111B
....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	1	112
....	....	....	....	....	1	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	114
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	114A
....	....	....	....	....	1	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	114C
1	7	6	4	3	9	5	....	1	15	2	4	8	....	13	7	....	3	3	....	4	
....	....	1	....	1	....	1	....	....	1	....	....	2	....	2	1	....	....	....	....	....	115
....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	115A
....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	....	....	115B
....	....	1	....	1	....	1	....	....	....	....	....	....	....	2	....	....	....	....	....	....	115C
1	....	....	....	....	....	....	....	1	....	1	....	....	....	1	....	....	1	....	....	1	117
1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	117A
....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	1	....	....	....	117B
....	2	1	....	....	1	....	....	....	....	1	1	1	....	4	....	....	....	....	....	....	119
....	1	....	....	1	....	1	....	....	1	....	1	1	....	1	....	....	....	....	....	1	120
....	1	....	....	....	....	1	....	....	1	....	1	1	....	1	....	....	....	....	....	1	120A
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	120B
....	2	3	2	1	4	1	....	....	3	....	....	2	....	3	1	....	....	....	....	....	121

TABLE 41—CAUSES OF DEATH FOR TOWNS OF 5,000 TO

CAUSES OF DEATH	Total	Barrie	Brampton	Brockville	Cobourg	Collingwood	Eastview	Forest Hill	Fort Erie
122 Hernia, intestinal obstruction	25	....	1	5	1	1	1	....	1
122A Hernia	14	....	1	4	....	....	....	....	1
122B Intestinal obstruction	11	....	....	1	1	1	1	....	....
123 Other diseases of the intestines	5	....	....	....	....	....	....	....	....
124. Cirrhosis of the liver	9	....	....	1	....	....	1	....	....
124A. Specified as alcoholic	1	....	....	....	....	....	....	....	....
124B. Not specified as alcoholic	8	....	....	1	....	....	1	....	....
125. Other diseases of the liver	4	....	....	....	....	....	....	....	....
125A. Yellow atrophy of the liver	1	....	....	....	....	....	....	....	....
125B. Others under this title	3	....	....	....	....	....	....	....	....
126. Biliary calculi	9	1	1	....	....	1	....	....	1
127. Other diseases of the gall-bladder and biliary passages	7	....	....	1	1	1	....	....	1
CLASS X.—DISEASES OF THE GENITO-URINARY SYSTEM									
Total	166	6	6	10	9	7	2	1	7
130. Acute nephritis (including unspecified, under 10 years of age)	8	....	....	....	1	....	....	....	2
131. Chronic nephritis	81	4	3	6	3	3	2	....	4
132. Nephritis, unspecified (10 years and over)	25	1	1	....	1	....	....	....	....
133. Other diseases of the kidneys and ureters	10	....	1	1	....	1	....	....	....
135. Diseases of the bladder (tumours excepted)	10	....	....	....	....	1	....	1	....
137. Diseases of the prostate	25	1	1	2	4	1	....	....	1
139. Diseases of the female genital organs (not specified as venereal)	7	....	....	1	....	1	....	....	....
139A. Of the ovary, Fallopian tube and parametrium	4	....	....	1	....	1	....	....	....
139B. Of the uterus	2	....	....	....	....	....	....	....	....
139C. Of the breast	1	....	....	....	....	....	....	....	....
CLASS XI.—DISEASES OF PREGNANCY, CHILDBIRTH AND THE PUERPERAL STATE									
Total	24	2	....	1	....	2	1	....	....
141. Abortion without mention of septic conditions (haemorrhage included)	2	....	....	....	....	....	1	....	....
141A. Abortion	2	....	....	....	....	....	1	....	....
144. Puerperal haemorrhage	1	1	....	....	....	....	....	....	....
144A. Placenta praevia	1	1	....	....	....	....	....	....	....
145. Puerperal septicaemia (not specified as due to abortion)	8	1	....	....	....	....	....	....	....
145A. Puerperal septicaemia and pyaemia	8	1	....	....	....	....	....	....	....
146. Puerperal albuminuria and eclampsia	6	....	....	....	....	....	....	....	....
147. Other toxaemias of pregnancy	1	....	....	....	....	....	....	....	....
148. Puerperal phlegmasia alba dolens, embolism or sudden death (not specified as septic)	2	....	....	....	....	....	....	....	....
148A. Phlegmasia alba dolens and thrombosis	1	....	....	....	....	....	....	....	....
148B. Embolism	1	....	....	....	....	....	....	....	....
149. Other accidents of childbirth	4	....	....	1	....	2	....	....	....
149A. Caesarean operation	1	....	....	....	....	....	....	....	....
149C. Dystocia	3	....	....	1	....	2	....	....	....
CLASS XII.—DISEASES OF THE SKIN AND CELLULAR TISSUE									
Total	5	....	1	....	....	....	....	....	....
151. Carbuncle	1	....	....	....	....	....	....	....	....
152. Cellulitis, acute abscess	3	....	....	....	....	....	....	....	....
153. Other diseases of the skin and annexa and of the cellular tissue	1	....	1	....	....	....	....	....	....
CLASS XIII.—DISEASES OF THE BONES AND ORGANS OF LOCOMOTION									
Total	6	2	....	2	....	....	....	....	....
154. Osteomyelitis	2	....	....	1	....	....	....	....	....
155. Other diseases of the bones (tuberculosis excepted)	1	1	....	....	....	....	....	....	....
156. Diseases of the joints and other organs of locomotion	3	1	....	1	....	....	....	....	....
156A. Of the joints (tuberculosis and rheumatism excepted)	1	....	....	....	....	....	....	....	....
156B. Of other organs of locomotion	2	1	....	1	....	....	....	....	....

10,000 POPULATION IN THE PROVINCE OF ONTARIO, 1936—Continued

Fort Frances	Hawkesbury	Ingersoll	Kenora	Leamington	Lindsay	Midland	Mimico	New Toronto	Orillia	Port Colborne	Preston	Renfrew	Riverside	Simcoe	Smith's Falls	Swansea	Trenton	Waterloo	Weston	Whitby	
....	....	1	....	....	1	....	....	....	5	....	....	1	....	2	2	....	1	....	....	2	122
....	....	1	....	....	....	....	....	....	3	....	....	....	....	1	1	....	1	....	....	1	122A
....	....	....	....	....	1	....	....	....	2	....	....	1	....	1	1	....	....	....	....	1	122B
....	....	....	....	....	2	1	....	....	....	....	....	....	....	....	1	....	....	1	....	....	123
....	1	....	2	....	....	....	....	....	1	....	....	....	....	....	1	....	1	1	....	....	124
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	124A
....	1	....	1	....	....	....	....	....	1	....	....	....	....	....	1	....	1	1	....	....	124B
....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	1	....	....	125
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	125A
....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	125B
....	....	....	....	....	1	....	....	....	3	....	1	....	....	....	....	....	....	....	....	....	126
....	....	....	....	....	....	1	....	....	....	....	1	1	....	....	....	....	....	....	....	....	127
5	5	5	4	1	6	4	2	3	21	....	10	3	....	11	12	3	2	13	3	5	
....	....	....	....	....	....	....	....	....	2	....	....	1	....	....	2	....	....	....	....	....	130
3	5	2	1	....	1	2	....	1	8	....	9	....	....	5	5	1	....	10	....	3	131
....	....	3	1	1	3	1	1	1	4	....	....	....	....	4	2	....	1	....	....	....	132
....	....	....	1	....	....	....	1	....	2	....	....	....	....	....	1	1	....	1	....	....	133
....	....	....	....	....	2	1	....	....	1	....	....	....	....	....	....	1	1	1	1	....	135
2	....	....	....	....	....	....	....	1	3	....	....	2	....	1	1	....	....	1	2	2	137
....	....	....	1	....	....	....	....	....	1	....	1	....	....	1	1	....	....	....	....	....	139
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	139A
....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	....	....	....	139B
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	139C
1	3	....	4	1	1	1	....	....	2	1	....	1	....	1	1	....	1	....	....	....	
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	141
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	141A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	144
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	144A
....	3	....	1	....	....	....	....	....	....	....	....	1	....	1	1	....	....	....	....	....	145
....	3	....	1	....	....	....	....	....	....	....	....	1	....	1	1	....	....	....	....	....	145A
1	....	....	2	....	....	1	....	....	2	....	....	....	....	....	....	....	....	....	....	....	146
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	147
....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	148
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	148A
....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	148B
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	149
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	149A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	149C
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	2	
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	151
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	1	152
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	153
....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	154
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	155
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	156
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	156A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	156B

TABLE 41—CAUSES OF DEATH FOR TOWNS OF 5,000 TO

CAUSES OF DEATH	Total	Barrie	Brampton	Brockville	Cobourg	Collingwood	Eastview	Forest Hill	Fort Erie
CLASS XIV.—CONGENITAL MALFORMATIONS									
Total	33	2	1	....	2	....	1	....	1
157. Congenital malformations (stillbirths excluded)	33	2	1	....	2	....	1	....	1
157A. Congenital hydrocephalus	2	....	....	....	....	....	1	....	....
157B. Spina bifida and meningocele	10	....	....	....	1	....	....	....	1
157C. Congenital malformations of the heart	12	1	....	....	....	....	....	....	....
157E. Others under this title	9	1	1	....	1	....	....	....	....
CLASS XV.—DISEASES OF EARLY INFANCY									
Total	109	5	4	8	5	2	5	....	....
158. Congenital debility	16	....	....	....	1	....	....	....	....
159. Premature birth	61	5	3	5	3	1	2	....	....
160. Injury at birth	14	....	1	1	1	....	3	....	....
160B. Without mention of caesarean operation	14	....	1	1	1	....	3	....	....
161. Other diseases peculiar to early infancy (under 3 months)	18	....	....	2	....	1	....	....	....
161A. Atelectasis	2	....	....	1	....	....	....	....	....
161B. Icterus of the new-born	5	....	....	....	....	....	....	....	....
161D. Athrepsia	1	....	....	....	....	....	....	....	....
161E. Others, including lack of care	10	....	....	1	....	1	....	....	....
CLASS XVI.—SENILITY									
Total	22	....	....	2	....	3	....	....	....
162. Senility	22	....	....	2	....	3	....	....	....
162A. With senile dementia (70 years and over)	6	....	....	....	....	....	....	....	....
162B. Without senile dementia (70 years and over)	16	....	....	2	....	3	....	....	....
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS									
Total	197	10	7	12	8	4	3	3	5
163–171. Suicides	16	1	....	1	1	2	....	....	....
163. Suicide by solid or liquid poisons or by absorption of corrosive substances	1	....	....	....	....	....	....	....	....
165. Suicide by hanging or strangulation	3	....	....	....	1	1	....	....	....
166. Suicide by drowning	5	1	....	....	....	1	....	....	....
167. Suicide by firearms	4	....	....	1	....	....	....	....	....
168. Suicide by cutting or piercing instruments	2	....	....	....	....	....	....	....	....
171. Suicide by other means	1	....	....	....	....	....	....	....	....
173–175. Homicides	4	....	....	....	....	1	....	1	....
174. Homicide by cutting or piercing instruments	1	....	....	....	....	....	....	....	....
175. Homicide by other means	3	....	....	....	....	1	....	1	....
176–198. Other violent deaths	177	9	7	11	7	1	3	2	5
178. Accidental absorption of toxic gases	2	....	....	....	....	....	....	....	1
179. Other acute accidental poisonings (except by gas)	2	....	1	....	....	....	....	1	....
180. Conflagration	8	....	3	....	....	....	2	....	....
181. Accidental burns (conflagration excepted)	8	1	....	1	1	....	....	....	1
182. Accidental mechanical suffocation	4	....	....	1	....	....	....	....	....
183. Accidental drowning	5	....	....	....	....	....	....	....	....
184. Accidental injury by firearms	4	....	....	....	....	....	....	....	....
185. Accidental injury by cutting or piercing instruments	1	....	....	....	....	....	....	....	....
186. Accidental injury by fall, crushing or landslide	95	8	3	9	4	1	1	1	2
188. Injuries by animals	3	....	....	....	....	....	....	....	....
190. Excessive cold	1	....	....	....	....	....	....	....	....
191. Excessive heat	34	....	....	....	1	....	....	....	....
192. Lightning	1	....	....	....	....	....	....	....	....
193. Accidents due to electric currents	3	....	....	....	....	....	....	....	....
194. Other accidents	6	....	....	....	1	....	....	....	1
194A. Foreign body	1	....	....	....	....	....	....	....	....
194B. Others under this title	5	....	....	....	1	....	....	....	1

10,000 POPULATION IN THE PROVINCE OF ONTARIO, 1936—Continued

Fort Frances	Hawkesbury	Ingersoll	Kenora	Leamington	Lindsay	Midland	Mimico	New Toronto	Orillia	Port Colborne	Preston	Renfrew	Riverside	Simcoe	Smith's Falls	Swansea	Trenton	Waterloo	Weston	Whitby	
2	....	1	2	....	4	2	1	1	3	....	1	1	....	2	2	....	2	....	....	2	
2	....	1	2	....	4	2	1	1	3	....	1	1	....	2	2	....	2	....	....	2	157
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	157A
....	....	1	....	....	1	....	....	....	1	....	1	1	....	....	1	....	1	....	....	1	157B
2	....	....	2	....	1	1	1	1	....	....	....	....	....	1	....	....	1	....	....	1	157C
....	....	....	....	....	1	1	....	....	2	....	....	....	....	1	1	....	....	....	....	....	157E
1	8	7	7	3	9	3	2	1	10	1	....	2	1	6	10	....	5	2	....	2	
1	3	....	2	1	1	1	....	....	2	1	....	....	....	....	1	....	1	1	....	....	158
....	3	2	4	2	7	2	1	....	4	....	....	1	1	4	6	....	3	1	....	1	159
....	....	3	1	....	....	....	....	1	1	....	....	....	....	1	....	....	....	....	....	1	160
....	....	3	1	....	....	....	....	1	1	....	....	....	....	1	....	....	....	....	....	1	160B
....	2	2	....	....	1	....	1	....	3	....	....	1	....	1	3	....	1	....	....	....	161
....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	161A
....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	3	....	....	....	....	....	161B
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	161D
....	1	1	....	....	1	....	....	....	3	....	....	....	....	1	....	....	1	....	....	....	161E
....	....	1	2	1	2	....	....	3	1	....	....	....	....	1	....	....	1	3	....	2	
....	....	1	2	1	2	....	....	3	1	....	....	....	....	1	....	....	1	3	....	2	162
....	....	....	....	....	....	....	....	3	....	....	....	....	....	1	....	....	....	....	....	2	162A
....	....	1	2	1	2	....	....	....	1	....	....	....	....	....	....	....	1	3	....	....	162B
2	5	8	14	10	18	4	1	17	14	6	....	1	2	13	5	3	5	1	4	12	
....	....	2	1	....	4	....	....	....	....	1	....	....	....	....	1	....	....	....	1	1	163–171
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	163
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	165
....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	166
....	....	....	....	....	2	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	167
....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	168
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	171
....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	173–175
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	174
....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	175
2	5	6	13	10	14	4	1	17	14	4	....	1	2	12	4	3	5	1	3	11	176–198
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	178
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	179
....	....	....	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	180
....	....	....	1	1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	181
....	....	....	....	....	....	....	....	2	1	....	....	....	....	....	....	....	....	....	....	....	182
....	....	....	1	1	1	....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	183
....	....	....	1	1	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	184
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	185
....	5	3	4	5	9	3	1	5	6	1	....	1	1	7	4	1	1	1	2	6	186
....	....	1	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	188
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	190
1	....	2	2	1	2	....	....	10	5	....	....	....	....	2	....	1	3	....	....	4	191
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	192
1	....	....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	193
....	....	....	1	....	....	....	....	....	....	....	....	....	....	2	....	1	....	....	....	....	194
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	194A
....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	194B

TABLE 41—CAUSES OF DEATH FOR TOWNS OF 5,000 TO

CAUSE OF DEATH	Total	Barrie	Brampton	Brockville	Cobourg	Collingwood	Eastview	Forest Hill	Fort Erie
CLASS XVIII.—ILL-DEFINED CAUSES OF DEATH									
Total	1	....	....	....	....	....	....	....	....
200. Cause of death not specified or ill-defined	1	....	....	....	....	....	....	....	....

SPECIAL CLASSES OF ACCIDENTAL DEATHS FOR

(Included also under the numbers

ONTARIO,

B. Accidents caused by machines	3	....	....	....	....	1	....	....	....
C. Railway accidents	6	....	....	....	....	....	....	....	....
E. Automobile and motorcycle accidents	43	4	1	2	....	....	1	....	3
F. Other land transportation	2	....	....	....	....	....	....	....	....
G. Water transportation	1	....	....	....	....	....	....	....	....

10,000 POPULATION IN THE PROVINCE OF ONTARIO, 1936—Continued

Fort Frances	Hawkesbury	Ingersoll	Kenora	Leamington	Lindsay	Midland	Mimico	New Toronto	Orillia	Port Colborne	Preston	Renfrew	Riverside	Simcoe	Smith's Falls	Swansea	Trenton	Waterloo	Weston	Whitby	
....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	
....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	200

TOWNS OF 5,000 TO 10,000 POPULATION

of the International List above)

1936

....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	B
....	....	....	2	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	2	C
....	4	1	3	4	2	3	1	1	1	....	....	....	....	4	2	....	....	....	2	4	E
....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	F
....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	G

Table 42—Maternal Mortality, Ontario, 1936

Cities and Towns (5,000 population and over)	Total.		Institutional		Non-institutional	
	Live births	Deaths from puerperal causes	Live births	Deaths from puerperal causes	Live births	Deaths from puerperal causes
Barrie	200	2	147	1	53	1
Belleville	430	2	330	2	100	...
Brampton	192	...	170	...	22	...
Brantford	666	3	513	3	153	...
Brockville	252	1	239	1	13	...
Chatham	578	10	470	9	108	1
Cobourg	144	...	111	...	33	...
Collingwood	127	2	80	1	47	1
Cornwall	563	11	398	9	165	2
Eastview	175	1	...	...	175	1
Forest Hill	11	...	1	...	10	...
Fort Erie	87	...	54	...	33	...
Fort Francis	141	1	39	...	102	1
Fort William	485	4	365	4	120	...
Galt	267	1	210	1	57	...
Guelph	299	1	202	1	97	...
Hamilton	2,758	13	1,990	12	768	1
Hawkesbury	203	3	27	1	176	2
Ingersoll	146	...	104	...	42	...
Kenora	232	4	206	3	26	1
Kingston	674	5	567	3	107	2
Kirkland Lake	504	2	167	2	337	...
Kitchener	743	5	510	5	233	...
Leamington	143	1	83	1	60	...
Lindsay	219	1	184	1	35	...
London	1,410	5	1,199	4	211	1
Midland	200	1	130	1	70	...
Mimico	120	...	71	...	49	...
New Toronto	86	...	2	...	84	...
Niagara Falls	384	5	319	5	65	...
North Bay	393	3	220	3	173	...
Orillia	246	2	187	2	59	...
Oshawa	524	4	288	4	236	...
Ottawa	3,028	17	2,377	15	651	2
Owen Sound	327	2	219	2	108	...
Pembroke	310	4	145	4	165	...
Peterborough	621	6	514	6	107	...
Port Arthur	541	3	498	3	43	...
Port Colborne	81	1	5	...	76	1
Preston	59	...	7	...	52	...
Renfrew	155	1	103	1	52	...
Riverside	64	...	...	...	64	...
St. Catharines	577	2	474	2	103	...
St. Thomas	291	1	261	1	30	...
Sarnia	433	...	328	...	105	...
Sault Ste. Marie	554	4	316	3	238	1
Simcoe	258	1	213	...	45	1
Smiths Falls	145	1	112	1	33	...
Stratford	348	3	271	2	77	1
Sudbury	979	9	539	8	440	1
Swansea	18	...	...	...	18	...
Timmins	687	4	177	4	510	...
Toronto	10,391	57	7,946	52	2,445	5
Trenton	140	1	...	...	140	1
Waterloo	58	...	...	...	58	...
Welland	313	3	199	2	114	1
Weston	108	...	62	...	46	...
Whitby	34	...	1	...	33	...
Windsor	2,111	20	1,066	19	1,045	1
Woodstock	236	2	181	2	55	...
Total cities and towns of 5,000 and over	36,469	235	25,597	206	10,872	29
Remainder of province	25,982	120	4,865	56	21,117	64
Grand total	62,451	355	30,462	262	31,989	93

1 and 2	Ty
7	Me
8	Sca
9	Wh
10	Di
11	Inf
16	Pol
22	Tet
23–32	Tu
34	Sy
66	Dis
106	Br
107–109	Pn
110	Ple
140, 142a, 145	Pu
18	Ep

TABLE 43—DEATHS FROM CERTAIN CAUSES IN TOWNS OF 1,000 POPULATION AND UNDER 5,000, ONTARIO, 1936

| | CAUSES OF DEATH | Total | Alexandra | Alliston | Almonte | Amherstburg | Arnprior | Aurora | Aylmer | Blenheim | Blind River | Bowmanville | Bracebridge | Burlington | Cache Bay | Campbellford | Capreol | Carleton Place | Chesley | Clinton | Cobalt | Cochrane | Copper Cliff | Deseronto | Dresden | Dryden | Dundas | Dunnville | Durham | Elmira | Englehart | Essex | Forest | Gananoque | Georgetown | Goderich | Gravenhurst | Grimsby | Haileybury | Hanover | Harriston | Hespeler | Huntsville | Iroquois Falls | Kapuskasing | Keewatin | Kincardine | Kingsville | Listowel | Little Current | Long Branch | Mattawa | Meaford | Merriston | Milton | Mitchell | Mount Forest | Napanee | New Liskeard | Newmarket | Niagara | Oakville | Orangeville | Palmerston | Paris | Parkhill | Parry Sound | Penetanguishene | Perth | Petrolia | Picton | Port Hope | Prescott | Rainy River | Ridgetown | Rockland | St. Mary's | Seaforth | Sioux Lookout | Southampton | Stayner | Strathroy | Sturgeon Falls | Tecumseh | Thessalon | Thorold | Tilbury | Tilsonburg | Uxbridge | Vankleek Hill | Walkerton | Wallaceburg | Wiarton | Wingham | |
|---|---|---

DEPARTMENT OF HEALTH

Twelfth Annual Report

OF THE

Department of Health

Ontario, Canada

FOR THE YEAR

1936

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 14, 1937

ONTARIO

TORONTO
Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1 9 3 7

To The Honourable Herbert Alexander Bruce,
M.D., R.A.M.C., F.R.C.S. (Eng.),

Lieutenant-Governor of the Province of Ontario.

May It Please Your Honour:

I herewith beg to present for your consideration the Twelfth Annual Report of the Department of Health, for the year 1936.

Respectfully submitted,

J. A. Faulkner,
Minister of Health.

To The Honourable J. A. Faulkner, M.D.,

Minister of Health,

Sir,—I have the honour to submit for your approval the Twelfth Annual Report of the Department of Health, made in conformity with and under the provisions of The Public Health Act, for the year 1936.

I have the honour to be, Sir,

Your obedient servant,

B. T. McGhie,

Deputy Minister of Health.

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DEPARTMENT OF HEALTH

Minister

HONOURABLE J. ALBERT FAULKNER, M.D.

Deputy Minister

B. T. McGHIE, M.D.

Chief Medical Officer of Health

JOHN T. PHAIR, M.B., D.P.H.

Sanitary Engineering Branch

A. E. Berry, M.A.Sc., C.E., Ph.D.....Director
A. V. Delaporte, B.A.Sc., Chem.E., F.C.I.C.....Chemist In Charge of Experimental Station
O. V. Ball, B.A.Sc.....Assistant Sanitary Engineer
G. A. H. Burn, B.A.Sc.....Assistant Sanitary Engineer
E. W. Johnston, B.A.Sc.....Assistant Sanitary Engineer
A. T. Byram, B.A.Sc.....Assistant Sanitary Engineer
G. M. Galimbert, B.A.Sc.....Assistant Sanitary Engineer
W. R. Edmonds, M.A.Sc.....Assistant Sanitary Engineer
L. A. Kay, M.A.Sc.....Assistant Sanitary Engineer
J. G. Duncan, B.A.Sc.....Assistant Chemist
H. G. Tyler.....Sanitary Investigator

Preventable Diseases Branch

A. L. McKay, B.A., M.B., D.P.H.....Director and Epidemiologist
R. P. Hardman, M.D., D.P.H.....Associate Epidemiologist

Tuberculosis Prevention Branch

G. C. Brink, M.B.....Director
K. M. Shorey, M.B.....Clinical Specialist
G. W. Cragg, M.B.....Clinical Specialist
E. R. Harris, M.B., Physician in Charge, Traveling Clinic.....North Bay
A. A. Powers, M.D., Physician in Charge, Traveling Clinic.....Ottawa
G. C. Brearley, M.D., Physician in Charge, Traveling Clinic.....Belleville

Child Hygiene and Public Health Nursing

John T. Phair, M.B., D.P.H.....Director
Edna L. Moore, Reg.N.....Chief Public Health Nurse

Laboratories Branch

Andrew L. MacNabb, B.V.Sc.....Director
H. A. Ansley, M.B., D.P.H.....Pathologist
A. R. Bonham, B.A.Sc., F.C.I.C.....Chemist
Wallace B. McClure, M.B., D.P.H.....Bacteriologist
A. D. McClure, B.A.....Assistant Bacteriologist
A. E. Allin, B.A., M.D., D.P.H.....Assistant Bacteriologist
J. E. Fasken, B.A.Sc.....Assistant Chemist

Branch Laboratories

A. J. Slack, Ph.C., M.D., D.P.H., Director	London
James Miller, M.D., F.R.C.S. (Edin.), Director	Kingston
J. W. Bell, M.B., Director	Fort William
N. F. W. Graham, M.B., Director	Sault Ste. Marie
W. M. Wilson, M.D., Director	North Bay
C. B. Waite, M.D., Director	Peterborough
F. L. Letts, M.B., D.P.H., Director	Ottawa

Industrial Hygiene Branch

J. G. Cunningham, B.A., M.B., D.P.H	Director
A. R. Riddell, B.A., M.B., D.P.H	Clinical Specialist
F. M. R. Bulmer, M.B., B.Sc., Med	Special Research
H. E. Rothwell, B.A.Sc	Chemist
C. M. Jephcott, M.A., Ph.D	Assistant Chemist
John D. Leitch, B.Sc., M.A	Physicist

Sanitary Inspectors

D. McKee	Sudbury
J. Richardson	North Bay
John Sime, A.R., San. I	Fort William
R. B. McCauley	Sault Ste. Marie
Hugh McIntyre, A.R., San. I	Kirkland Lake
A. S. O'Hara, M.R., San. I	Sioux Lookout

Dental Services Branch

W. G. Thompson, D.D.S	Director

Nurse Registration Branch

A. M. Munn, Reg.N	Inspector of Training Schools for Nurses

Public Health Education Branch

Mary Power, B.A	Director

Honourary Consultants

Public Health Administration	J. G. Fitzgerald, M.C., F.R.S.C.
Pediatrics	Alan Brown, B.A., M.B.
Obstetrics	William B. Hendry, M.D., D.S.O.
Dental Services	Harold Keith Box, D.D.S.
Public Health Nursing	Miss Elizabeth Smellie, C.B.E., Reg. N.

ANNUAL REPORT

of the

Department of Health

For the Calendar Year Ending December 31st, 1936

In the presentation of the annual report of the Department of Health for the calendar year 1936, reference should be made to the emphasis placed on the more effective control of tuberculosis. The establishment of three new clinic centres with appropriate personnel and equipment has made possible a material extension of the diagnostic service. The substantial aid given the united counties of Dundas, Stormont and Glengarry in the establishment of a sanatorium to serve the extreme easterly part of the province and the efforts of the Department to secure the discharge of those who have already received the maximum of benefit from sanatorium treatment has made available a large number of beds for those suffering from what is described as minimal tuberculosis. Such measures are ultimately bound to favourably influence the morbidity rate from this disease.

The appointment of Dr. Hardisty Sellers as Medical Statistician has enabled the Department to more adequately assay the value of the programme for cancer treatment so heavily subsidized by the Government, and to ensure a better type of approach to the problems resulting from increased hospitalization.

The burden of payment for insulin to those diabetics presumably unable to secure such treatment for themselves has been materially lessened by the forced assumption of 25% of the cost by the municipalities in which such patients are resident. A more equable distribution of Department subsidies to municipalities assuming their responsibilities under The Veneral Diseases Prevention Act has acted as an additional stimulus in the control of these diseases.

Every effort is being made to focus the attention of both the Board of Health and the local Medical Officer of Health on their stated and implied obligations in respect to the various aspects of an acceptable type of community health programme.

The Regulations issued pursuant to The Milk Control Act respecting the equipment and operation of milk plants place certain well defined responsibilities on the staff of the Department. The acceptance of these regulations by those distributors interested in the sale of a satisfactory product has been more than favourable.

The activities of the various Divisions of the Department follow in some detail.

REPORT OF THE SOLICITOR

K. G. Gray, M.D., *Solicitor to the Department*

The matters dealt with in this office during the year 1936 have included the drafting of proposed legislation; legal advice to various Departments of the Government and various divisions of the Department of Health; legal advice to officers of the Ontario Hospitals, public hospitals, tuberculosis sanatoria, local boards of health and medical officers of health. The extent to which this service is utilized is illustrated by the fact that over 1700 written communications were sent from the office during the year, and an even greater number of opinions were given by telephone or interview.

Legislation introduced by the Minister of Health and passed by the Legislative Assembly at the Session held in 1936 includes the following:

The Embalmers and Funeral Directors Amendment Act, 1936, chap. 20.
The Public Health (Fumigation of Premises) Act, 1936, chap. 51.
The Public Hospitals Amendment Act, 1936, chap. 52.
The Sanatoria for Consumptives Amendment Act, 1936, chap. 54.

The following regulations were approved by the Lieutenant-Governor in Council on the recommendation of the Minister of Health:

Regulations pursuant to:

The Embalmers and Funeral Directors Act, 1928, chap. 31, December 21, 1936
The Public Health Act, R.S.O., 1927, chap. 262, for the control of fumigation, May 20, 1936.
The Registration of Nurses Act, R.S.O., 1927, chap. 360, December 10, 1936.
The Mental Hospitals Act, 1935, chap. 39, February 22, 1936.
The Private Hospitals Act, 1931, chap. 77, July 7, 1936.
The Mental Hospitals Act, 1935, chap. 39, January 29, 1936.

Orders-in-Council:

Directions for distribution of Insulin, July 7, 1936.
Under *The Hospitals Act, 1931*, chap. 78, "Tisdale Public Hospital," April 1, 1936.
The St. Lawrence Sanatorium, September 16, 1936.
The Venereal Diseases Prevention Act, R.S.O., 1927, chap. 264, section 12, February 5, 1936.

The Solicitor collaborated with the Milk Control Board in the drafting of certain regulations under The Milk Control Act, which were approved on April 3rd, 1936.

Invitations were received to address the Ontario Health Officers' Association in May; the Ontario Hospital Association on October 22nd; the Ontario County Medical Society in Oshawa on November 25th; and the Seminar conducted by the director of the Toronto Psychiatric Hospital in November. Weekly lectures during the academic year were delivered in the Department of Law, Faculty of Arts, University of Toronto, and a number of lectures were given to the post-graduate course for medical practitioners at the Toronto Psychiatric Hospital.

The following papers were written and published:

"The Mental Hospitals Act, 1935"	in the Toronto Academy of Medicine Bulletin, January, 1936.
"Privileged Communications—Physician and Patient"	in the Ontario Medical Association Bulletin, March, 1936.
"Public Health Administration in Ontario"	in the Home and School Review, September, 1936.
"The Mental Hospitals Act, 1935"	in the University of Toronto Law Journal, vol. II, No. 1.
Review of "An Enquiry into the Prognosis in the Neuroses"	in the Journal of the Canadian Medical Association, August, 1936.
Review of "Crime and Sexual Development"	in the American Journal of Psychiatry, September, 1936.

LEGISLATION PASSED DURING 1936

1. This Act may be cited as *The Embalmers and Funeral Directors Amendment Act, 1936*.

2. Section 3 of *The Embalmers and Funeral Directors Act, 1928*, as amended by section 2 of *The Embalmers and Funeral Directors Act, 1932*, is repealed and the following substituted therefor:

3.—(1) The Board of Examiners shall consist of three qualified funeral directors who shall be appointed by the Lieutenant-Governor in Council and shall hold office during pleasure and who may be paid such fees or other remuneration as the Lieutenant-Governor in Council deems proper.

(2) The Lieutenant-Governor in Council may appoint any member of the Board to act as chairman and any other member to act as vice-chairman and the third member of the Board shall be the secretary-treasurer.

(3) Two members of the Board shall constitute a quorum and the decision of the majority of the members of the Board shall be final and binding on the Board.

3. (1) Subsection 1 of section 4 of *The Embalmers and Funeral Directors Act, 1928*, is amended by striking out the word "three" in the last line and inserting in lieu thereof the word "two" so that the said subsection shall now read as follows:

(1) The Board shall hold meetings at least three times in every year at such time and place as may be deemed advisable by the majority of the members and may hold additional meetings at the call of the chairman or any two members.

(2) Subsection 2 of the said section 4 is repealed and the following substituted therefor:

(2) Notice of every meeting, whether general or special, shall be sent by the secretary-treasurer by prepaid registered post to every member of the Board at his address as last entered upon the register, not less than seven days before the day of the holding of the meeting.

(3) The said section 4 is further amended by adding thereto the following subsection:

(3) Notwithstanding any of the provisions of this section, a meeting of the Board may be held at any time and place, provided all the members of the board are present and waive notice and consent to the holding of such meeting.

4. *The Embalmers and Funeral Directors Act, 1928*, is amended by adding thereto the following section:

6*a*.—(1) The Board shall have power to authorize any person, partnership, association or educational institution to establish and conduct one or more schools or colleges for instruction in embalming and general preparation for and burial of the dead human body, and shall have power to pay out of the funds held by the Board such sums as it may deem proper to assist in the establishment and maintenance of any such school or college.

(2) Subject to the approval of the Board, any such school or college may conduct a course of instruction in embalming and general preparation for and burial of the dead human body for articled students, provided the Board shall conduct the examination of students and shall have exclusive authority to grant a certificate of qualification as an embalmer to any such student who has passed such examination.

(3) Every articled student registered after the 1st day of March, 1936, before writing the examination for such certificate of qualification, shall, in addition to the requirements of this Act and the regulations, produce evidence satisfactory to the Board that he has completed the full course of instruction in one of such schools or colleges.

(4) The Board may exempt from the provisions of sub-section 3 any person who has qualified as an embalmer in a place outside of Ontario, provided the qualifications required in such place are, in the opinion of the Board, equal to the qualifications required by this Act and the regulations.

(5) Subject to the approval of the Board, any such school or college may conduct a post-graduate course of instruction for embalmers.

5. (1) Section 11 of *The Embalmers and Funeral Directors Act, 1928*, is amended by inserting after the word "license" in the third line the words "issued under this Act"; by inserting after the word "every" in the third line the word "person"; by inserting after the word "such" in the sixth line the word "person"; by inserting after the word "licensed" in the seventh line the words "under this Act" and by inserting after the first word "the" in the eighth line the word "premises," so that the said section shall now read as follows:

11. Except as otherwise provided in this Act, every person carrying on business in Ontario as a funeral director shall have a license issued under this Act as an embalmer and funeral director and every person, partnership, firm or corporation carrying on such business shall have as manager of each establishment or branch operated by such person, partnership, firm or corporation a person licensed under this Act as an embalmer and funeral director, and in all cases the premises, furnishings and equipment shall be subject to the approval of the Board.

(2) The said section 11 is further amended by adding thereto the following subsection:

(2) For the purposes of this section "establishment" and "branch" shall include any premises or location operated for the promotion of any of the purposes for which a license as a funeral director is granted under this Act, but shall not include a storeroom in which caskets or other furnishings are stored in their original containers and not displayed for purposes of sale.

6. Section 13 of *The Embalmers and Funeral Directors Act, 1928*, is amended by adding thereto the following subsection:

(2) All moneys and securities received or held by the Board shall be held in the name of "Board of Examiners under *The Embalmers and Funeral Directors Act, 1928*," and moneys may be deposited in a branch of a chartered bank or a Province of Ontario Savings office and shall be withdrawn by the secretary-treasurer on the order of the Board, and securities shall be purchased and sold by the secretary-treasurer on the order of the Board.

7. Section 16 of *The Embalmers and Fundral Directors Act, 1928*, is amended by inserting after the word "interment" in the fourth line the words "by an embalmer," so that the said section shall now read as follows:

16. The body of every deceased person who has died in Ontario and is destined for interment outside the Province shall, before being removed from Ontario, be prepared for interment by an embalmer in accordance with the rules and regulations of the Department of Health and in accordance with the provisions of this Act and the regulations made thereunder.

8. This Act shall come into force on the day upon which it receives the Royal Assent.

1. This Act may be cited as *The Public Health (Fumigation of Premises) Act, 1936*.

2. Section 1 of *The Public Health Act* as amended by section 2 of *The Public Health Act 1934*, is futher amended by inserting therein the following clauses:

(*ccc*) "Fumigation" shall mean fumigation by the use of hydrocyanic acid or cyanide compounds;

(*cccc*) "Fumigator" shall mean any person who by himself or his associates, employees servants, assistants or agents carries on the business or occupation of the fumigation of premises.

3. Section 6 of *The Public Health Act* as amended by section 3 of *The Public Health Act, 1932*, and section 2 of *The Public Health Act, 1933*, is further amended by adding thereto the following clauses:

(*w*) prescribing the terms and conditions upon which a license for fumigation may be issued, the fees payable therefor, the form and term thereof and the terms and conditions upon which any such license may be renewed, suspended and revoked;

(*x*) fixing the amount and type of bond or insurance which shall be furnished or carried by a fumigator and prescribing the form, requirements and terms thereof;

(*y*) prescribing the procedure, methods and conditions for fumigation and prescribing the qualifications and providing for the licensing of every apprentice, employee, servant or assistant of any fumigator;

(*z*) the issuing of permits by the local medical officer of health for the fumigation of any premises to be fumigated and the terms upon which any such permit may be issued, suspended or revoked;

(*aa*) requiring every substance which is or is intended to be used for fumigation to be approved by the Minister and prescribing the conditions upon which such approval may be granted.

4. *The Public Health Act* is amended by adding thereto the following sections:

72*a*.—(1) No person other than a fumigator licensed under the regulations shall be engaged in or perform any fumigation of premises anywhere in Ontario, except by permission in writing granted by the Minister.

(2) No fumigator shall be engaged in or perform the fumigation of any permises except under and according to the terms of a permit issued under the authority of the regulations for such premises.

(3) Every licensed fumigator shall with respect to the fumigation of any premises be responsible for the acts or omissions of his employees, servants or agents in respect of such premises.

72*b*.—(1) Subject to the approval of the Minister, every municipality shall have authority to enact by-laws respecting fumigation not inconsistent with the provisions of this Act and the regulations.

(2) Any municipality may by by-law require that a fee of $1 shall be payable to the municipality and collected by the medical officer of health for every permit for fumigation issued under this Act and the regulations, and for the purpose of administering and enforcing the provisions of this Act, the regulations and any by-law relating to the fumigation of premises, the council of every municipality shall appoint such inspectors as the Minister may deem necessary, provided that if any such municipality fails to comply with the provisions of this section the Lieutenant-Governor in Council may make such appointments and all inspectors so appointed shall be paid by the municipality such remuneration as the Lieutenant-Governor in Council may determine.

72*c*.—(1) At least twenty-four hours before commencing fumigation operations, the fumigator shall deliver a notice in writing to every adult person residing in the premises to be fumigated and at least one adult person residing in each of the following premises:—

(*a*) buildings adjoining the buildings to be fumigated; and

(*b*) premises which form part of an apartment building or semi-detached house of which the premises to be fumigated form a part; and

(*c*) premises so located that the fumigation of the premises to be fumigated constitutes an actual or potential hazard to the occupants of premises so located.

(2) Every such notice shall state that there is danger that a poisonous gas which is to be used in fumigation operations may enter adjoining premises and shall indicate what premises are to be fumigated, the date and day of the week of such fumigation, the hour at which fumigation operations are intended to be commenced and the approximate time during which the occupants of all such premises are required to absent themselves therefrom.

(3) All occupants of such premises shall vacate and remain out of the premises during the entire period of fumigation and airing-out and it shall be the duty of the fumigator to inform the occupants when it is safe to re-enter the premises.

(4) Every police officer, police constable and other person appointed under the provisions of any Act of the Legislature of Ontario for the preservation and maintenance of the public peace is empowered to remove any person from any of the buildings and premises mentioned in subsection 1 upon being satisfied that the provisions of the said subsection have been complied with and in order to effect such removal may use such force as is reasonably necessary.

(5) The fumigator shall see that all such premises are thoroughly aired out before re-occupancy.

5. Subsection 1 of section 111 of *The Public Health Act* is amended by striking out the figures "72" in the second line and inserting in lieu thereof the figures and letter "72*c*"

6. This Act shall come into force on the day upon which it receives the Royal Assent.

1. This Act may be cited as *The Public Hospitals Amendment Act, 1936*.

2. Subsection 1 of section 18 of *The Public Hospitals Act, 1931*, as re-enacted by section 3 of *The Public Hospitals Act, 1933*, and amended by subsection 1 of section 16 of *The Statute Law Amendment Act, 1934*, is further amended by striking out the figures and word "90 cents" where they occur in the amendment of 1934 and inserting in lieu thereof the symbol and figures "$1.25" so that the said subsection shall now read as follows:

(1) Subject as in this Act may otherwise be provided, when any patient in a hospital other than a hospital for incurables is an indigent person or a dependent of an indigent person, that municipality in which such person was a resident at the time of admission shall be liable to the hospital for payment of the charges for treatment of such patient at a rate not exceeding $1.75 per day, except in the case of a hospital which, under the regulations, is classed as a convalescent hospital the payment of such charges shall be at a rate not exceeding $1.25 per day, and when any patient in a hospital for incurables is certified in accordance with the regulations to be an incurable person, that municipality in which such person was a resident at the time of admission shall be liable to the hospital for incurables for payment of the charges for treatment of such patient at a rate not exceeding $1.50 per day.

3.—(1) Section 22 of *The Public Hospitals Act, 1931*, is amended by striking out the words "or after admission" in the first line, so that subsection 1 of the said section shall now read as follows:

(1) Upon admission to a hospital of any patient who is or is represented to be or becomes an indigent person or the dependent of an indigent person the superintendent shall by registered letter notify the clerk of the municipality in which such indigent person is or is represented to be a resident, of such admission, giving such particulars as may be ascertainable to enable the clerk to identify the indigent person.

(2) The said section 22 is further amended by adding thereto the following subsection:

(2) Where any patient becomes an indigent after admission to a hospital the superintendent shall notify the clerk of the municipality in accordance with the provisions of subsection 1 when the indigency becomes known to the superintendent.

4. Clause *c* of section 25 of *The Public Hospitals Act, 1931*, is amended by inserting after the word "university" in the third line the words "training school for nurses established under *The Registration of Nurses Act*" so that the said clause shall now read as follows:

(*c*) If such patient has been living in the municipality by reason of being a pupil in any school, college, university, training school for nurses established under *The Registration of Nurses Act*, or other seminary of learning therein and at the time he became such a pupil was not a resident therein; but in such cases the patient shall for the purpose of this Act be deemed to be a resident in that municipality in which he was a resident at the time he became such a pupil; or.

5. Paragraph *a* of subsection 1 of section 34 of *The Public Hospitals Act, 1931*, as amended by subsection 2 of section 16 of *The Statute Law Amendment Act, 1934*, and subsection 2 of section 15 of *The Statute Law Amendment Act, 1935*, is futrher amended by striking out the figures "30" where they occur in the amendment of 1934 and inserting in lieu thereof the figures "40" so that the said paragraph shall now read as follows:

(*a*) For treatment of every patient who is an indigent person or the dependent of an indigent person, other than a baby, as in paragraph *b* mentioned, at the rate of 60 cents per day for every day up to one hundred and twenty days that such patient is receiving treatment in a hospital except in the case of a hospital which under the regulations is classed as a convalescent hospital, payment shall be at the rate of 40 cents per day up to one hundred and twenty days, provided that in either case the inspector shall have authority to extend payment up to an additional sixty days in any case where he deems further treatment to be essential.

6. This Act shall come into force on the day upon which it receives the Royal Assent.

1. This Act may be cited as *The Sanatoria for Consumptives Amendment Act, 1936*.

2. Subsection 1 of section 38 of *The Sanatoria for Consumptives Act, 1931*, as amended by subsection 1 of section 18 of *The Statute Law Amendment Act, 1934*, is amended by striking out the figures and word "90 cents" where they occur in the amendment of 1934 and inserting in lieu thereof the symbol and figures "$1.25" so that the said subsection shall now read as follows:

(1) Subject as in this Act may otherwise be provided when any patient in a Sanatorium is an indigent person or a dependent of an indigent person, that municipality in which such person was a resident at the time of admission shall be liable to the sanatorium for payment of the charges for treatment of such patient at the rate not exceeding

$1.50 per day except in the case of a sanatorium which under the regulations is classed as a convalescent sanatorium the payment of such charges shall be at a rate not exceeding $1.25 per day.

3. —(1) Section 41 of *The Sanatoria for Consumptives Act, 1931*, is amended by striking out the words "or after admission" in the first line so that subsection 1 of the said section shall now read as follows:

(1) Upon admission to a sanatorium of any patient who is or is represented to be or becomes an indigent person or the dependent of an indigent person, the superintendent shall by registered letter notify the clerk of the municipality in which such indigent person is or is represented to be a resident, of such admission, giving such particulars as may be ascertaineable to enable the clerk to identify the indigent person.

(2) The said section 41 is further amended by adding thereto the following subsection:

(2) Where any patient becomes an indigent after admission to a sanatorium the superintendent shall notify the clerk of the municipality in accordance with the provisions of subsection 1 when the indigency becomes known to the superintendent.

4. Clause *c* of section 44 of *The Sanatoria for Consumptives Act, 1931*, is amended by inserting after the word "university" in the third line the words "training school for nurses established under *The Registration of Nurses Act*" so that the said clause shall now read as follows:

(*c*) if such patient has been living in the municipality by reason of being a pupil in any school, college, university, training school for nurses established under *The Registration of Nurses Act*, or other seminary of learning therein and at the time he became such a pupil was not a resident therein; but in such cases the patient shall for the purposes of this Act, be deemed to be a resident in that municipality in which he was a resident at the time he became such a pupil; or.

5. Clause *a* of subsection 1 of section 51 of *The Sanatoria for Consumptives Act, 1931*, as amended by subsection 2 of section 18 of *The Statute Law Amendment Act, 1934*, is further amended by striking out the figures "30" where they occur in the amendment of 1934 and inserting in lieu thereof the figures "40" so that the said clause shall now read as follows:

(*a*) for treatment of every patient who is an indigent person or the dependant of an indigent person, at the rate of 75 cents per day for every day that such patient is receiving treatment in a sanatorium, except in the case of a sanatorium for consumptives which under the regulations is classed as a convalescent sanatorium, payment shall be at the rate of 40 cents per day.

6. This Act shall come into force on the day upon which it receives the Royal Assent.

Copy of an Order-in-Council, approved by The Honourable the Lieutenant-Governor, dated the 21st day of December, A.D., 1936.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that pursuant to section 6 of *The Embalmers and Funeral Directors Act*, the attached regulations, which have been passed by the Board appointed under the said Act, be approved by Your Honour.

Certified,

C. F. Bulmer,
Clerk, Executive Council.

Regulations Pursuant to *The Embalmers and Funeral Directors Act.*

1. Subsection 1 of clause *b* is amended by inserting after the word "change" in the seventh line the words "and every student shall continue to serve as an articled student until he succeeds in passing the examinations for an Embalmer's Certificate, or is otherwise dropped from the register."

2. Clause *b* is amended by adding thereto the following subsection:

b (3) Every funeral director shall, when taking a student on his staff, explain to such student the provisions of the Act and regulations pertaining to articled students and during the course of his term shall instruct such student to the best of his ability in the work of a funeral director and embalmer.

3. Subsection 7 of clause *d* is repealed and the following substituted therefor:

d (7) Candidates who fail to pass the examinations shall try the examinations the next year following unless excused by the Board, and failing to do this their names shall be dropped from the register.

4. Subsection 1 of clause *c* is amended by striking out the word "three" in the sixteenth line and inserting in lieu thereof the word "two."

5. Clause *f* is amended by adding thereto the following subsections:

4. Any embalmer who has not renewed his license for a period not exceeding five years may renew his license on payment of all arrears, together with the fee for the current year, but in every such case the Board shall be satisfied as to the moral standing and character of the applicant.

5. Any embalmer who has not renewed his license for a period exceeding five consecutive years shall in addition to the payment of arrears of license fees demonstrate to the satisfaction of the Board that he is qualified to do the work of an embalmer.

6. (1) In order to be in good standing for renewal of license every embalmer licensed by the Board shall at least once every five years attend a two-day course of instruction in embalming, restorative art, sanitation and funeral management.

(2) Such course shall be provided each year by the Board or an institution or organization approved by the Board.

(3) Every embalmer who attends the full two-day course shall be furnished with a certificate of attendance and shall mail such certificate forthwith to the secretary of the Board, who shall keep a record thereof.

6. Clause *g* is amended by inserting after the word "furnishings" in the fifth line the word "premises" and by adding the following subsections:

g (2) Every license issued to a funeral director shall specify by name the person to whom it is issued, the particular place (street and number where possible) at which and the name under which the business shall be carried on, and shall authorize the conduct of such business only at the particular place, and by the person and under the name so designated, and only one such license shall be granted to or held by any person.

(3) In the event that a funeral director desires to change his place of business from that for which his license has been granted he shall notify the secretary of the Board before making such change, giving full description of the new premises and shall return his funeral director's license to the secretary for cancellation and make application in the regular manner for funeral director's license to enable him to operate from the new premises.

7. Clause *j* is amended by adding thereto the following subsection:

j (4*a*) Notice of cancellation or suspension of certificate and license as provided in the next preceding subsection shall be forthwith sent by registered prepaid post to the address of the person required to be served, as last entered upon the register, or served on him personally, notifying him of the cancellation of his license and ordering him to forthwith deliver to the secretary, or to some member of the Board, his certificate and license and in default of his delivering to the secretary, or to some member of the Board forthwith, the Board shall have power to retake possession of the said certificate and license.

8. Subsection 6 of clause *j* is repealed and the following substituted therefor:

j (6) In the case of any person whose conduct is the subject of any inquiry, the secretary shall serve on such person, personally, or shall send by prepaid registered post to the address of the person required to be served as last entered upon the register, at least ten days before the holding of the inquiry, notice of the charges made against him, and such notice shall contain a statement of the subject matter of the inquiry and shall specify the time and place of the meeting to hold such inquiry.

9. Subsection 7 of clause *j* is amended by striking out the word "personal" in the third line and the words "the notice required shall be deemed to have been duly served in accordance with the provisions of this section if sent by registered mail prepaid at the address of the person required to be served as last entered upon the register" n lines 9, 10, 11, 12, 13 and 14.

10. Clause *j* is amended by adding thereto the following subsection:

j (7*a*) If any person, whose license has been cancelled or suspended under the authority of any of the foregoing subsections shall apply to the Board for reinstatement and the Board is satisfied, after full inquiry, that the person applying should be reinstated, the Board shall have full power and authority to reinstate such person, either conditionally or unconditionally, as the Board deems expedient.

11. "M." Notwithstanding the regulations, the Board of Examiners may, upon the payment of a fee of twenty-five dollars ($25.00), grant to any person, holding a valid, unrevoked and unexpired license in any other province of the Dominion of Canada, outside the

Province of Ontario, or in any state in the United States of America, having substantially similar requirements to those existing in this province, provided such province or state will recognize licenses issued by the Board of Examiners under *The Embalmers and Funeral Directors Act* in the Province of Ontario, a License to practise in this province upon filing with the secretary of the said Board a certified statement from the secretary of the Examining Board of the province or state in which the applicant holds a license, showing the rating upon which said license was granted, together with his recommendation, and verification that the applicant has, during the past ten years held continuously a license in said province or state, and providing the application is satisfactory to said Board.

Copy of an Order-in-Council approved by The Honourable the Lieutenant-Governor, dated the 20th day of May, A.D., 1936:

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that pursuant to the provisions of clauses (*w*), (*x*), (*y*), (*z*) and (*aa*) of section 6 of *The Public Health Act*, the attached regulations be approved by Your Honour.

Certified,

C. F. Bulmer,
Clerk, Executive Council.

Regulations for *The Use of Hydrocyanic Acid or Cyanide Compounds for Fumigation.*

1. (1) Every applicant for a license shall submit to the medical officer of health of the municipality in which he resides an application and a certificate signed by a qualified medical practitioner that such applicant is in good health and physically fit to perform the fumigation of premises.

(2) If, in the opinion of the Medical Officer of Health, a license should be issued, the Medical Officer of Health shall transmit to the Minister the application and certificate together with his recommendation.

(3) The Minister may require the applicant or the Medical Officer of Health to furnish him with such further or other information regarding the applicant as he may desire and may require the applicant to attend before an officer of the Department at such place as he may designate and to submit himself to such examination as he may prescribe.

(4) If the Minister is satisfied that the applicant is a fit and proper person to be licensed, he may cause a license to issue to him.

(5) Every license shall be issued for a term of one year from the date of such issue and may be renewed from time to time for a similar period, and on every application for renewal the Minister may require the certificate mentioned in subsection 1 and such information and attendance as is provided for by subsection 3.

2. (1) Every applicant for a license shall furnish a policy of insurance in a form approved by the Superintendent of Insurance.

(2) Every policy shall insure the applicant against any liability imposed by law arising out of the death of any employee or the injury to or death of any other person resulting from the fumigation of any building or premises in a negligent manner:

(*a*) in the case of any employee to the limit of at least $3,500; and

(*b*) in the case of any one other person to the limit of at least $10,000 and in the case of two or more other persons to the limit of at least $20,000.

(3) Upon cancellation or discontinuance of any such policy of insurance, the license of the insured shall be automatically cancelled and shall not be renewed within one year from the date of issue.

(4) The Minister may exempt any applicant from the provisions of this section on the condition that such applicant shall not conduct the fumigation of any of the buildings referred to in clauses (*a*), (*b*) and (*c*) of subsection 1 of section 4.

3. (1) A license may at any time be suspended or revoked upon the order of the Minister and such order shall be final and conclusive and there shall be no appeal therefrom.

(2) No fumigator whose license has been suspended or revoked or who has been refused a permit by the local Medical Officer of Health shall be engaged in or perform any fumigation or any activity connected with the preparation of or actual fumigation of any premises.

4. (1) Fumigation of the following classes of buildings shall not be conducted without the simultaneous use of a warning and expulsive gas:

(*a*) buildings used for human habitation;

(*b*) buildings adjoining buildings used for human habitation;

(*c*) buildings so located that the fumigation of the same constitutes an actual or potential danger to the occupants of other buildings; and

(*d*) any buildings designated by the local Medical Officer of Health.

(2) For fumigation of premises referred to in subsection 1, no substances shall be used until the composition, quantity and kinds of gases evolved therefrom, manufacture, method of using the same and the amount to be used have been approved by the Minister.

5. (1) Every fumigator shall obtain a permit from the local Medical Officer of Health at least twenty-four hours before each fumigation and no fumigation shall be conducted unless a permit to conduct the same has been obtained.

(2) The application for the permit shall be in writing and shall contain the following information:

(*a*) the date of the proposed fumigation, the hour at which fumigation will commence, and the hour before which the building will not be opened for airing out except in case of accident;

(b) the name and amount of the fumigating materials to be used;

(*c*) the location of the building or portion thereof to be fumigated, and the number of cubic feet capacity of such building or portion;

(*d*) whether such building is a detached or semi-detached house, an apartment or a portion thereof, or other premises;

(*e*) what other portions of the building or of adjacent buildings will be affected by or require to be vacated during the fumigation;

(*f*) the date upon which the applicant has inspected the building and premises which will be affected by the fumigation; and

(*g*) the name, address and duties of any person who will be employed by or assist the fumigator in the course of such fumigation.

(3) Only one permit shall be required for the fumigation of adjoining buildings or buildings owned by the same person and located on the same parcel of land provided such buildings are fumigated at the same time.

(4) For fumigation of buildings other than the buildings described in subsection 1 of section 4, the Medical Officer of Health may issue a permit for such term and upon such conditions as the Medical Officer of Health may deem expedient.

(5) Every fumigator shall perform the fumigation of any premises in accordance with the method and particulars set out in the application for a permit and shall not alter or vary such method or particulars without the permission of the local Medical Officer of Health.

6. Where it is made to appear to a Medical Officer of Health that a fumigator is unfit to perform the fumigation of premises or has conducted a fumigation in an improper or unsatisfactory manner, and in every case where death occurs, the Medical Officer of Health may refuse to issue further permits to such fumigator and may cancel any unused permit already issued to him and shall advise the Minister of all the facts in his possession relating to the fumigation in question and shall make a recommendation to the Minister respecting the suspension or revocation of the license of such fumigator.

7. In every case where death occurs under circumstances which indicate that such death might have been caused by fumigation operations, the fumigator conducting such operations shall forthwith report the circumstances of such death and particulars of such operations to the Minister.

8. All cracks, crevices, flues, drains, pipe-openings, hot-air registers and ventilators and any openings into adjacent or adjoining premises shall be sealed so as to completely and effectively prevent the escape of gas from the building or portion thereof being fumigated during the fumigating process.

9. The fumigator shall remove from the premises to be fumigated all substances such as water, plants or food-stuffs which may absorb hydrocyanic acid gas or any substance used in the process of fumigation.

10. Where re-occupancy of any of the buildings coming within any of the classes of buildings set out in section 4 is intended during the same day upon which the fumigation occurs, no fumigation shall be commenced after the hour of ten o'clock in the forenoon.

11. The temperature in the buildings to be fumigated shall be maintained at not less than 70 degrees Fahr. throughout the whole period of fumigation.

12. Just before the gas is released, the fumigator shall make a careful examination of:

(*a*) all parts of the buildings to be fumigated;

(*b*) all parts of all buildings adjoining buildings to be fumigated;

(*c*) all buildings so located that the fumigation of any other buildings constitutes an actual or potential hazard to the occupants of buildings so located;

and the fumigator shall satisfy himself that there is no human being in such buildings.

13. (1) After excluding all occupants and before taking the materials for generating the gas into the buildings to be fumigated, the fumigator shall attach to each door or entrance leading into the buildings a placard at least 14 inches in length and 10 inches in width designed to attract immediate attention bearing the word "Danger" in red-coloured block letters at least 2½ inches in height and indicating that the buildings are being fumigated with a poisonous substance, and every such placard shall be illuminated from sundown until sunrise.

(2) The fumigator, in addition, shall place similar placards on the buildings mentioned in section 12.

(3) No placard shall be removed until the buildings are fit for re-occupancy and shall be removed only by or on the instructions of the fumigator.

14. (1) The fumigator shall prevent every person other than a person who is engaged by him and who is protected in accordance with the provisions of section 15 from entering the buildings which are being fumigated, as well as such adjoining or adjacent buildings as may be vacated for the fumigation, from the time at which the occupants are excluded until after the fumigation when the buildings are, in the opinion of the fumigator, fit for re-occupancy and, in any event, the fumigator shall prevent any child under the age of ten years from entering any building which is being fumigated until at least ten hours after the re-opening of such building.

(2) For the purpose of carrying out the provisions of subsection 1 the fumigator shall employ locks or barricades and shall employ one or more capable adult male persons as guards.

15. (1) From the time the gas is about to be released until leaving the building to be fumigated, and from the time the building is re-entered until it is fit for re-occupancy, the fumigator and all persons employed by him while in such building shall wear such a gas-mask of a type approved by the Minister for fumigation purposes, and after fumigation of any premises having a capacity exceeding 15,000 cubic feet outside measurement, two or more persons, each wearing a gas-mask, shall re-open and re-enter such premises in the presence of each other.

(2) The fumigator shall provide refills for the canisters of the masks at each fumigating job and shall keep an accurate record of the length of time during which the gas canister has been used in order that it may be replaced as required.

16. Every building which has been fumigated, shall be thoroughly aired for a period of not less than four hours after fumigation before re-occupancy and, if weather conditions are unfavourable for dispersion of gas, the period of airing shall be extended accordingly.

17. (1) After every fumigation the fumigator shall cause all mattresses, pillows and cushions to be compressed and shaken or beaten to remove gas, and shall cause all bed-clothing to be shaken in the open air and shall take all necessary precautions to render the clothing and bedding of babies and small children free from gas.

(2) The fumigator shall cause all closets, cupboards, wardrobes, drawers, trunks, boxes and other enclosures and containers to be opened and thoroughly aired, and shall cause fresh air to be circulated to all parts of the building, paying particular attention to those parts of the building where pockets of gas are likely to form.

(3) The fumigator shall take all necessary precautions to prevent the gas from entering adjoining buildings.

18. Unless otherwise authorized in writing by the local Medical Officer of Health, the residue from materials used for fumigation and sealing cracks and crevices shall be burnt or buried.

19. Vaults, chambers or other enclosed compartments for commercial fumigation shall be located, constructed and ventilated in such a manner as to meet the requirements of the local Medical Officer of Health.

Copy of an Order-in-Council approved by the Honourable the Lieutenant-Governor, dated the 10th day of December, A.D., 1936.

Upon the recommendation of the Honourable L. J. Simpson, Acting Minister of Health, the Committee of Council advise that pursuant to the provisions of *The Nurses Registration Act, R.S.O., 1927*, chapter 360, Your Honour may be pleased to approve the attached regulations with respect to Training Schools for Nurses.

Certified,

C. F. Bulmer,
Clerk, Executive Council

Regulations Pursuant to *The Registration of Nurses Act, R.S.O., 1927*, chap. 360.

Interpretation

1. In these regulations:
(*a*) "Approved training school" shall mean a training school for nurses established and approved under *The Registration of Nurses Act* and the regulations.
(b) "Council" shall mean Council of Nurse Education appointed under *The Registration of Nurses Act* and the regulations;
(*c*) "Department" shall mean the Department of Health;
(*d*) "Director" shall mean the Director of Nurses' Registration appointed in accordance with the provisions of *The Registration of Nurses Act* and the regulations;
(*e*) "Hospital" shall mean an hospital under *The Public Hospitals Act*, an hospital or hospital school under *The Mental Hospitals Act, 1935*, a sanatorium under *The Sanatoria for Consumptives Act*, and a sanitarium under *The Private Sanatarium Act;*
(*f*) "Inspector" shall mean The Inspector of Training Schools for Nurses appointed in accordance with the provisions of *The Registration of Nurses Act* and the regulations;
(*g*) "Minister" shall mean the Minister of Health or such member of the Executive Council as may for the time being be charged with the administration of *The Registration of Nurses Act;*
(*h*) "Registered Nurse" shall mean a nurse who has been registered according to the provisions of *The Registration of Nurses Act* and the regulations.

Application of Regulations

2. These regulations shall not be construed to affect or apply to the gratuitous nursing of the sick by friends or members of the family of the sick person nor to any person nursing the sick for hire who does not in any way assume to be a registered nurse.

Registration

3. (1) Every applicant for registration as a registered nurse shall submit to the Director an application in the prescribed form and a certificate of qualification from an approved trained school and such other information as the Director may require.
(2) The applicant shall submit such application to the Director at least one month prior to the time set for the examinations mentioned in section 7.
(3) The superintendent of every approved training school shall issue to every student nurse who has completed the course of instruction and any other requirements for graduation from such training school to the satisfaction of the superintendent a certificate of qualification signed by the superintendent.

4. The Director may register any person who furnishes evidence satisfactory to the Director that she:
(*a*) is a graduate of an approved training school; and
(*b*) is residing in the Province of Ontario; and
(*c*) is of good moral character; and
(*d*) is at least twenty-one years of age; and
(*e*) has passed the examinations mentioned in section 7.

5. (1) Any nurse who has been graduated by an approved school for nurses outside of Canada may be entitled to sit for examination to qualify for registration in the Province of Ontario provided that:
(*a*) such nurse has been registered under regulations satisfactory to the Department of Health; and
(*b*) the country, province or state in which such nurse has been registered extends a similar privilege to registered nurses of the Province of Ontario: and
(*c*) such nurse complies with the requirements of section 3; and
(*d*) such nurse pays an examination fee of $5.00 and a registration fee of $5.00.

(2) Any nurse who has been graduated by an approved school for nurses in the Dominion of Canada may be registered in the Province of Ontario provided that:
(*a*) such nurse has been registered under regulations satisfactory to the Department of Health; and
(*b*) the province in which such nurse has been registered extends a similar privilege to registered nurses in the Province of Ontario; and
(*c*) such nurse complies with the requirements of section 3; and
(*d*) such nurse pays a fee of $10.00.

6. (1) The Department shall issue to every registered nurse a certificate of registration signed by the Minister and by the Director.
(2) The Minister, upon the recommendation of the Council, may suspend or revoke any such certificate whenever it has been shown to the satisfaction of the Council that the holder of the certificate has been guilty of:
(*a*) procuring registration by misrepresentation or fraud; or
(*b*) malpractice; or
(*c*) has been convicted of any criminal offence associated with the practice of nursing; or
(*d*) is mentally or physically incapable of the practice of nursing.

Examinations

7. (1) The Minister, upon the recommendation of the Council, shall prescribe examinations for registration as a registered nurse and the Director shall conduct or cause to be conducted such examinations at least once a year at such times and places as the Minister may deem necessary.
(2) Every person who passes such examination shall register according to the provisions of section 4 forthwith and upon failure to register within a period of one year shall forfeit any right acquired by passing the examinations, provided the Minister on the recommendation of the Council, may exempt any person from the provisions of this sub-section.

Fees

8. (1) Every registered nurse shall pay to the Department an annual fee of $1.00 payable on or before the first Monday in February and upon payment of such fee the Department shall issue an annual certificate signed by the Director.
(2) Such certificate shall state the date upon which the nurse has been registered pursuant to sections 4 or 5 and that the certificate is in force for a term of the calendar year in which the fee is paid.
(3) No annual fee shall be payable by any registered nurse for the calendar year in which such nurse has been registered.
(4) Every person who fails to pay the annual fee in accordance with the provisions of this section shall automatically cease to be a registered nurse within the meaning of *The Registration of Nurses Act* and the regulations and shall not use the title "registered nurse" provided such nurse may be registered, on payment of all arrears in the annual fee.

Director

9. (1) The Lieutenant-Governor in Council shall appoint a registered nurse to be Director of Nurses' Registration who shall hold office during the pleasure of the Lieutenant-Governor in Council and be paid such salary as may be determined by the Lieutenant-Governor in Council.
(2) The Director shall be responsible to the Minister for the enforcement and carrying out of the provisions of *The Registration of Nurses Act* and the regulations.
(3) The Director shall keep a register of all approved training schools.
(4) The Director shall keep a record of the results of every examination conducted in accordance with the provisions of section 7.
(5) The Director shall keep a register and shall enter therein the name and address of every person to whom, and the date upon which a certificate of registration is granted in accordance with the provisions of sections 4 and 5, and shall also keep a register of the persons to whom is issued the annual certificate mentioned in section 8.
(6) The Director may, upon the direction of the Minister, assume from time to time the duties and responsibilities of the Inspector.

Inspector

10. (1) The Lieutenant-Governor in Council shall appoint a registered nurse to be Inspector of Training Schools for Nurses who shall hold office during the pleasure of the Lieutenant-Governor in Council and be paid such salary as may be determined by the Lieutenant-Governor in Council.
(2) Subject to the direction of the Director, the Inspector shall have the powers and duties prescribed by *The Registration of Nurses Act* and the regulations.

Council of Nurse Education

11. (1) The Lieutenant-Governor in Council shall appoint a Council of Nurse Education consisting of not more than eight members.
(2) The Deputy Minister of Health and the Director shall be members *ex officio*.
(3) The remaining members shall be:
(a) an inspector appointed under *The Public Hospitals Act* who shall be a medical practitioner and who shall be appointed for a term of one year; and
(*b*) a medical practitioner who is connected in a teaching capacity with an approved training school and who shall be appointed on the recommendation of The Registered Nurses' Association of Ontario for a term of one year; and
(*c*) an officer of the Department of Education who shall be appointed for a term of one year; and
(*d*) a registered nurse who shall be connected in a teaching capacity with an approved training school and appointed on the recommendation of The Registered Nurses' Association of Ontario for a term of three years; and
(*e*) a registered nurse who shall be connected in a teaching capacity with an approved training school and appointed on the recommendation of The Registered Nurses' Association of Ontario for a term of two years; and
(*f*) a registered nurse who shall be connected in a teaching capacity with an approved training school and appointed on the recommendation of The Registered Nurses' Association of Ontario for a term of one year.
(4) In the event that any member retires before the expiration of his term of office, the Lieutenant-Governor in Council shall appoint some person to serve for the unexpired term in accordance with the conditions attaching to the appointment of the retiring member.

12. The Council shall appoint annually from their members, a chairman, a vice-chairman and a secretary, who shall hold office during the pleasure of the Council.

13. Five members of the Council shall constitute a quorum, and all acts of the Council shall be decided by the majority of the members present.

14. The Council may by resolution determine the time and place of meetings, the procedure of summoning and conducting meetings and may from time to time make recommendations to the Minister for the better carrying out of the provisions of *The Registration of Nurses Act* and the regulations.

15. The chairman or vice-chairman, when in the chair, and the chairman of any meeting shall have the same right to vote as any member of the Council, but shall have no casting vote and in the event of an equality of votes, the question shall be declared lost.

Establishment of Approved Training Schools

16. (1) Subject to the provisions of *The Registration of Nurses Act* and these regulations, any hospital and any university may establish, conduct and maintain an approved training school.
(2) Any such hospital or university desiring to establish an approved training school shall submit to the Minister an application in the prescribed form signed by the chairman of the governing board and the superintendent of nurses.
(3) The Minister may send the application to the Council with a request that the Council consider such application and make a recommendation in respect thereof.
(4) Upon receipt of such application and recommendation, if any, the Minister may issue a certificate in the prescribed form certifying that such hospital or university is authorized to conduct an approved training school.
(5) The Minister may suspend, cancel or revoke any such certificate at any time for failure to observe the provisions of *The Registration of Nurses Act* and these regulations.

Annual Report

17. The superintendent of every approved training school shall make an annual report in the prescribed form to the Director not later than the 31st day of October in each year.

Approved Training School to Provide Course of Instruction

18. (1) Every approved training school shall be connected or affiliated with an hospital or university and shall provide a course of at least three years' instruction in one or more hospitals.
(2) The Minister, upon the recommendation of the Council, shall prescribe the minimum course of instruction which shall be given to every nurse in an approved training school.

(3) Where, in the opinion of the Council, the instruction and hospital services in any approved training school do not meet with the requirements set out in these regulations, the Council may approve an arrangement whereby the student nurses in such training school may take an affiliated course in some other approved training school.

Staff of Approved Training School

19. Every approved training school shall provide an adequate staff for the instruction of student nurses and, in any event, shall appoint a superintendent of nurses, an assistant superintendent of nurses, a night superintendent and an adequate number of nurse supervisors, all of whom shall be registered nurses, but the superintendent of nurses may also be the superintendnt of the hospital in which the training school is established.

Equipment and Accommodation

20. (1) Every approved training school shall provide for the use of the nurses therein, adequate lavatory facilities, single beds and quiet residential accommodation for night nurses, and so far as possible, a separate building for nurses' residence with separate bedroom and clothes cupboard for every nurse, and a recreation room.

(2) Every approved training school shall provide for the use and instruction of the nurses therein, adequate classrooms and laboratories and all necessary equipment including blackboards, anatomical charts, skeleton specimens of bones, demonstration beds, manikin, students' chairs, reference books, cupboards for demonstration equipment and sufficient apparatus to demonstrate the ordinary laboratory tests.

Admission of Student Nurses

21. (1) No approved training school shall admit any person as a student nurse in such school who is less than eighteen years of age or who has not completed the following educational requirements:

(*a*) until July 1st, 1937, complete lower school standing as prescribed by the Department of Education;

(*b*) after July 1st, 1937, and until July 1st, 1939, complete lower school standing as prescribed by the Department of Education and the certificate of the said Department that four middle school subjects have been satisfactorily completed;

(*c*) after July 1st, 1939, the completion of middle school standing in twelve papers as follows:

Six Required Papers:
- English Literature
- English Composition
- One subject of Mathematics
- Physics
- Chemistry
- Canadian History

Six Papers Optional:

Languages—not more than four papers in two subjects:
- Latin—Literature—Composition
- French—Literature, Composition
- Spanish—Literature, Composition
- Greek—Literature, Composition
- German—Literature, Composition

Agriculture No. I and No. II.
Household Science No. I and No. II.
Geometry
Ancient History
Arithmetic (special)
Zoology (special)

(2) The superintendent shall require every applicant for admission to a training school as a student nurse to fyle a birth certificate before admission is granted.

22. For the purpose of simplifying the teaching of nurses, students shall be admitted at stated times throughout the year so as to form classes.

23. The superintendent of every training school shall send a notice in the prescribed form to the Director of the admission of every person as a student nurse in such training school, but such notice shall not be required in the case of any student nurse who has not completed the period of probation mentioned in section 24.

24. Before allowing any student nurse to assume responsibility as a nurse, the superintendent of a training school shall require such student nurse to complete a probation period of not less than three months during which there shall be given a preliminary course of study which shall include practical demonstration of and practice in nursing methods.

Course of Instruction

25. (1) Every approved training school shall provide and every student nurse therein shall complete the course of insturction set out in this section.

(2) Every student nurse shall spend not less than the time set out in the following schedule on hospital services:

Schedule of Hospital Services:

Medical Nursing	3 months
Surgical Nursing	3 months
Obstetrical Nursing	2 months
(Including assistance at delivery of ten cases)	
Diet Kitchen	1 month
Operating Room	2 months

(3) Upon the recommendation in writing of the Council, the Director shall require any approved training school to provide courses of instruction in any or all of the following:

Nursing in Children's Diseases
Nursing in Contagious Diseases
Nursing in Mental Diseases
Nursing in Tuberculosis Diseases
Public Health Nursing
Visiting Nursing

(4) Every student nurse shall spend not less than the time set out in the following schedule on theory of nursing:

Schedule of Theory of Nursing:

	Hours
1. Instruction In:	
(*a*) Nursing Priciples and Methods (to as great an extent as possible by practical demonstration).	110
(*b*) Charting	2
2. Instruction In:	
(*a*) Dietetics (to include instruction and practice in Diet Kitchen).	24
(*b*) Hospital Housekeeping	3
(*c*) History of Nursing and Ethics	6
3. Instruction In:	
(*a*) Bacteriology	5
(*b*) Chemistry	10
(*c*) Urinalysis	4
(*d*) Hygiene and Sanitation	6
4. Instruction In:	
(*a*) Anatomy and Physiology	32
(*b*) Materia Medica	25
(*c*) Medicine:	
1. General	10
2. Contagious Diseases	4
3. Tuberculosis	6
4. Venereal Diseases	6
5. Mental Diseases	4
6. Diseases of the Skin	2
7. Children's Diseases (including infant feeding)	6
(*d*) Surgery:	
1. General	8
2. Orthopedic	4
3. Gynæcological	4
4. Eye, Ear, Nose and Throat	4
(*e*) Obstetrics	12

Hours of Duty

26. (1) Any student nurse shall not be required to give more than 58 hours per week to hospital work, either on day or night duty including class hours.

(2) Every student nurse shall be given vacation of not less than two weeks in every year.

Records

27. Every training school shall keep a record of every student nurse, containing the following particulars:

(*a*) the educational qualifications and birth certificate mentioned in section 21;
(*b*) time spent by such nurse on hospital services as provided in subsections 2 and 3 of section 25;
(*c*) time spent on theory as provided in subsection 4 of section 25;
(*d*) time spent on services not mentioned in section 25;
(*e*) subjects taught and by whom;
(*f*) time lost through illness or leave of absence;
(*g*) any characteristics or particulars affecting or in any way relating to the efficiency of such nurse;
(*h*) such details of health examination as the Minister may require.

Student Nurses on Special Duty

28. The superintendent of any approved training school may require any student nurse therein to perform special duty service for short periods not exceeding in the whole more than two months in the course, but where a student nurse is so employed the hospital in which the training school is established shall not collect any special fees for such service.

Transfer of Students

29. (1) No approved training school shall admit as a student nurse therein any person who has been discharged from an approved training school except with the approval of the Director.

(2) No student nurse in an approved training school shall transfer to another training school except with the approval of the Director.

(3) Where the Director has approved the transfer of a student nurse from one approved training school to another approved training school, such nurse shall be given such credit for the time spent in the training school from which she is being transferred as the Director may allow, providing that where any nurse is claiming a time allowance exceeding one year the matter shall be referred to the Council and the decision of the Council shall be final.

Forms

30. The forms in the schedule to these regulations shall be sufficient in the cases thereby respectively provided for, and where no forms are prescribed new ones may be framed to meet the circumstances of the case, conforming as nearly as may be to those set out in the said schedule, being made short and concise, in the mode indicated therein.

Regulation and Form Numbers

31. Regulation and form numbers are for reference purposes only, and do not form part of the regulations, and the Minister from time to time may rearrange and renumber all regulations and forms heretofore and hereafter published, and insert therein the correct references thereto, and publish the same in pamphlet form.

Existing Regulations Repealed

32. Any regulations heretofore approved pursuant to *The Registration of Nurses Act* are hereby repealed.

Copy of an Order-in-Council approved by the Honourable the Lieutenant-Governor, dated the 22nd day of February, A.D., 1936.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that regulation No. 1, of the regulations pursuant to *The Mental Hospitals Act, 1935*, and approved by your Honour on the 26th day of June, 1935, as amended by Orders-in-Council dated the 22nd day of October, 1935, and the 29th day of January, 1936, be further amended by adding thereto the following:

"The premises commonly known as the Industrial Farm at Fort William, henceforth to be known as the Ontario Hospital, Fort William."

so that the regulations as amended shall now read as follows:

The following institutions shall be hospitals and hospital schools established under *The Mental Hospitals Act, 1935*, and shall be subject to the provisions of the said Act and these regulations:

The Ontario Hospital, Brockville.
The Ontario Hospital, Cobourg.
The Ontario Hospital, Hamilton.
The Ontario Hospital, Kingston.
The Ontario Hospital, London.
The Ontario Hospital, New Toronto.
The Ontario Hospital School, Orillia.
The Ontario Hospital, Penetanguishene.
The Ontario Hospital, Toronto.
The Ontario Hospital, Whitby.
The Ontario Hospital, Woodstock.

The premises commonly known as the Industrial Farm at Fort William, henceforth to be known as the Ontario Hospital, Fort William.

The Committee further advise that this amendment shall come into force on the first day of March, 1936.

Certified,
(Signed) C. F. Bulmer,
Clerk, Executive Council.

Copy of an Order-in-Council, approved by the Honourable the Lieutenant-Governor, dated the 7th day of July, A.D., 1936.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that pursuant to the provisions of Section 4 of the *Private Hospitals Act, 1931*, your Honour may be pleased to approve the attached regulations with respect to Private Hospitals.

Certified,
C. F. Bulmer,
Clerk, Executive Council.

Regulations pursuant to *The Private Hospitals Act, 1931.*

General

1. No private hospital shall conduct a training school for nurses or issue any diploma for nursing or practical nursing.

2. No private hospital shall engage in, or permit its name to be used in or in connection with, any undertaking, occupation, scheme or business other than that for which it is licensed.

3. No patient shall be admitted to or treated in any private hospital without being under the active care of a legally qualified medical practitioner.

4. Every private hospital shall submit any publication, writing, advertising or other material, including any letter heads or cards, which is intended or likely to attract the attention of the public, to the Minister for his approval, and the Minister may refuse to approve any material which, in his opinion, is not in the interest of the public.

Superintendent

5. For every private hospital there shall at all times be a superintendent resident on the premises who may be the licensee if qualified under this Act, but shall be either a legally qualified medical practitioner or a registered nurse.

Staff

6. The hospital staff shall consist of such graduate nurses, servants and employees as are necessary to give adequate nursing care to the number and type of patients for which the license is granted.

Admissions

7. No private hospital shall admit any person as a patient who, by reason of any fact, may constitute a danger to other patients.

Restraints

8. The superintendent of a private hospital shall not physically restrain any patient or cause or permit any patient to be physically restrained.

Orders for Treatment

9. Subject to the provisions of these regulations, every order for treatment shall be in writing, either on the treatment sheet or in the order book provided for such purpose, and shall be signed by a legally qualified medical practitioner.

Case Records

10. A complete history with report of physical examination and provisional diagnosis of every patient shall be written within thirty-six hours of the patient's admission to hospital.

11. The attending physician shall be responsible for the preparation of a complete medical record, including identification, complaint, present history, family history, physical examination, special reports, including reports of consultations, laboratory examinations, X-ray, provisional diagnosis, medical or surgical treatment, pathological findings, progress notes, reports of operations and anaesthesia, final diagnosis, condition on discharge and follow-up records.

12. The superintendent, for the time being, of every private hospital shall retain and preserve in a place of safe keeping all records relating to every patient of the hospital.

Examination of Tissues Removed at Operation

13. (1) Any tissues or sections of tissues removed at operation or curettage shall be immediately set aside by the surgeon operating and shall be forwarded by the superintendent with a short history of the case and a statement of the findings at the operation to a laboratory approved by the Minister for examination, provided that any tonsil, tooth, frenum, hemorrhoid, finger, toe, hand, foot, arm or leg removed or amputated shall not be so forwarded unless the surgeon desires a special examination.

(2) The pathological report received from the laboratory shall become part of the patient's case record.

Operations

14. No surgical operation shall be performed on any patient in a private hospital without the consent in writing signed by the patient or his legally qualified representative provided that where the patient is unable to give consent and where, in the opinion of the surgeon, delay would endanger the patient's life, such consent shall not be necessary.

15. (1) A complete history, physical examination and a written pre-operative diagnosis shall be furnished by the operating surgeon or any legally qualified medical practitioner authorized by him before a patient is submitted to any anaesthetic or surgical operation.

(2) Where the surgeon is of opinion that the delay that would be occasioned in obtaining the foregoing information would be detrimental to the patient, he shall so state in writing but, in such event, the pre-operative diagnosis shall be furnished in writing signed by the operating surgeon.

16. Every operation performed in a private hospital shall be fully described in writing by the surgeon and such written description shall form part of the patient's record.

17. The anæsthetist shall be a legally qualified medical practitioner and shall furnish a record showing the type of the anæsthetic given, amount used, length of anaesthesia and the condition of the patient following the operation.

18. In any case where a patient is admitted in the condition of abortion, or threatening abortion, or where therapeutic abortion is indicated or wherever emptying of the uterus is indicated for whatever reason, two legally qualified medical practitioners shall examine the patient and shall make and sign records of their findings and recommendations before any operative interference is carried out.

19. The superintendent of every private hospital shall, within twenty-four hours after the death of any patient therein directly or indirectly resulting from pregnancy, report such death upon the prescribed form to the department.

20. The superintendent of every private hospital shall, within twenty-four hours of any curettage or emptying of the uterus of a patient, report such curettage or emptying of the uterus in writing to the Director of Maternal and Child Hygiene giving the reason therefor and the name of operating surgeon and consultants.

21. No major surgical procedure shall be performed in any private hospital which does not provide sterilization, operating and other equipment to the satisfaction of the inspector.

22. No surgical procedure shall be attempted within a private hospital without sufficient qualified assistants.

Copy of an Order-in-Council approved by the Honourable the Lieutenant-Governor dated the 29th day of January, A.D., 1936.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that the Order-in-Council approved by your Honour on the 22nd day of October, A.D., 1935, amending Regulation No. 1 of the Regulations pursuant to *The Mental Hospitals Act, 1935*, be repealed.

Certified,

(Signed) S. F. BULMER,
Clerk, Executive Council.

Copy of an Order-in-Council approved by the Honourable the Lieutenant-Governor, dated the 7th day of July, A.D., 1936.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that the attached Directions for the Distribution of Insulin, with two forms, be approved by Your Honour.

Certified,

(Signed) C. F. BULMER,
Clerk, Executive Council.

DIRECTIONS FOR THE DISTRIBUTION OF INSULIN

1. The Department of Health may supply Insulin to any indigent person in accordance with the provisions of these directions:

2. (1) Any indigent person who requires Insulin shall forward or cause to be forwarded to the Department a requisition in the form prescribed by the Lieutenant-Governor in Council signed by a medical practitioner, and by the patient or his legal representative, and by the clerk of the municipality in which such patient resides, provided that where such person is a patient in a public hospital the form shall be signed by the patient or his legal representative and the superintendent of the hospital.

(2) Upon receipt of such requisition the Department may supply the Insulin thereby requisitioned.

3. (1) Where the clerk of any municipality signs such a requisition, such municipality shall pay to the Department 25% of the cost to the Department of the Insulin supplied.

(2) Where the person requiring Insulin is a patient in a public hospital and the superintendent of the hospital certifies that a municipality is paying for the maintenance of such person in the hospital such municipality shall pay to the Department 25% of the cost to the Department of the Insulin supplied.

(3) Where the person requiring Insulin is a patient in a public hospital and the superintendent of the hospital certifies that the Province is paying for the maintenance of such person in the hospital at the rate of $2.00 per day as provided by clause (*d*) of subsection 1 of section 34 of *The Public Hospitals Act*, the Province shall bear the entire cost of the Insulin supplied.

4. The Department shall send to the clerk of every municipality a quarterly statement showing the amount of Insulin supplied to patients residing in such municipality during the preceding three months, and the amount due and owing by such municipality for the Insulin supplied during the preceding three months.

5. Where a municipality fails to pay such amount within 30 days after receipt of the statement, the Department may refuse to supply Insulin to or for any resident of such municipality until the amount is paid.

6. A municipal clerk shall not sign any requisition for Insulin unless in his opinion the patient for whom such Insulin is required is unable to pay for the same.

7. No charge shall be made to any person for any Insulin supplied by the Department on requisition.

8. The attached forms numbered 1 and 2 are approved.

9. These directions shall come into force on the first day of September, 1936.

Forward this form to a Department of Health distributing centre.
(*See reverse side for nearest distributing centre.*)

NOT TO BE SENT TO CONNAUGHT LABORATORIES

Order No.....

REQUISITION TO THE DEPARTMENT OF HEALTH
FOR
FREE INSULIN

Name of patient .....
(Write plainly or print)

Address of patient.....
.....

County or District.....
Length of residence in Ontario.....
Was patient under observation in hospital?.....
Requirement of patient per day in units.....
Supply Requested for.....days.....units
(Limit 30 days)

IMPORTANT—All spaces on this form must be filled in.

Type of Package		Number of Vials Required
10cc. vial containing 200 units (20 units per cc.) (Supplied only to patients using 1000 units or less per month)	BLUE LABEL	
10cc. vial containing 400 units (40 units per cc.)	YELLOW LABEL	
10cc. vial containing 800 units (80 units per cc.)	GREEN LABEL	

THIS INSULIN IS NOT TO BE SOLD

I Certify that the patient is unable to pay for this Insulin.

(Signature).....Physician

.....Address

I,.....solemnly declare that I am unable to pay for
(patient or legal representative)
the supply of Insulin ordered herein.

.....
Patient or legal representative.

I,.....municipal clerk for the municipality of.....

.....solemnly declare that to the best of my knowledge and belief the statements made herein are correct.

.....
Municipal Clerk.

This supply to be sent to—DOCTOR / PATIENT

Date.....

DISTRIBUTING CENTRES

Main Laboratories,

Parliament Bldgs., Toronto.

Branch Laboratories at:

Fort William
Sault Ste. Marie
North Bay
Ottawa
Kingston
Peterborough
London

Also:

Dr. James Roberts, M.O.H., Hamilton
Dr. W. L. Hutton, M.O.H., Brantford
Dr. Fred Adams, M.O.H., Windsor
Dr. H. G. Murray, M.O.H., Owen Sound

Forward this form to a Department of Health distributing centre.
(*See reverse side for nearest distributing centre.*)

NOT TO BE SENT TO CONNAUGHT LABORATORIES

REQUISITION TO THE DEPARTMENT OF HEALTH

FOR

FREE INSULIN

Name of patient..... .....
(Write plainly or print)

Address of patient.....

.....

County or District.....

Length of residence in Ontario.....

Requirement of patient per day in units.....

Supply Requested for.....days.....units
(Limit 30 days)

IMPORTANT—All spaces on this form must be filled in.

Type of Package		Number of Vials Required
10cc. vial containing 200 units (20 units per cc.) (Supplied only to patients using 1000 units or less per month)	BLUE LABEL	
10cc. vial containing 400 units (40 units per cc.)	YELLOW LABEL	
10cc. vial containing 800 units (80 units per cc.)	GREEN LABEL	

THIS INSULIN IS NOT TO BE SOLD

I Certify that the patient is unable to pay for this Insulin.

(Signature).....Physician

.....Address

I,.....solemnly declare that I am unable to pay for the supply
(patient or legal representative)

of Insulin ordered herein.

.....
Patient or legal representative

The above named is a public ward patient whose maintenance is being paid by the Municipality of.....
or the Ontario Government.
Admission was awarded on.....

Registered No.....

And to the best of my knowledge and belief the statements made herein are correct.

.....
Superintendent

.....
Hospital

Date.....

DISTRIBUTING CENTRES

Main Laboratories, Parliament Bldgs., Toronto

Branch Laboratories at:
Fort William
Sault Ste. Marie
North Bay
Ottawa
Kingston
Peterborough
London

Also:
Dr. James Roberts, M.O.H., Hamilton
Dr. W. L. Hutton, M.O.H., Brantford
Dr. Fred Adams, M.O.H., Windsor
Dr. H. G. Murray, M.O.H., Owen Sound

ONTARIO EXECUTIVE COUNCIL OFFICE

Copy of an Order-in-Council approved by the Honourable, the Lieutenant-Governor, dated the 1st day of April, A.D., 1936.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that "Tisdale Public Hospital" be approved under the provisions of section 4. subsection 2 of the *Public Hospitals Act, 1931*, and that the said Institution be placed on the list to receive Government aid.

Certified,

(Signed) C. H. Bulmer,
Clerk, Executive Council.

Copy of an Order-in-Council approved by the Honourable, the Lieutenant-Governor, dated the 16th day of September, A.D., 1936.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that the creation, establishment, incorporation and operation by the United Counties of Stormont, Dundas and Glengarry, of a Sanatorium to be known as "The St. Lawrence Sanatorium," be approved.

Certified,

H. A. STEWART,
Asst. Clerk, Executive Council.

Copy of an Order-in-Council approved by the Honourable the Lieutenant-Governor, dated the 5th day of February, A.D., 1936.

WHEREAS according to the provisions of section 12 of *The Venereal Diseases Prevention Act, R.S.O., 1927*, chapter 264, the Department with the approval of the Lieutenant-Governor in Council may out of any moneys appropriated by the Legislature for the purposes of the Department provide for the payment of certain expenses:

AND WHEREAS the Legislature has appropriated certain moneys for the purposes of the Department for the fiscal year ending March 31st, 1936:

THEREFORE the Minister recommends that your Honour approve of the payment by the Department out of the said moneys appropriated by the Legislature of a part of any expenses which have been paid by any municipality pursuant to the provisions of section 13 of the said Act, and that the Department pay to every such municipality a part of such expenses which shall be in proportion to the total expenses paid by all municipalities.

The Committee of Council concur in the recommendation of the Honourable the Minister of Health, and advise that the same be acted upon.

Certified,

(Signed) C. F. BULMER,
Clerk, Executive Council.

DIVISION OF PREVENTABLE DISEASES

A. L. McKay, B.A., M.B., D.P.H-, Director

A total of 108,842 cases of communicable disease was reported to the Department of Health by the local boards of health during 1936. For the previous year the total was 113,995, the decrease in the number of cases being largely due to the fewer cases of measles reported. There was, however, an appreciable increase in the number of cases of german measles and mumps over the experience of the previous year.

Typhoid Fever

The total number of cases of typhoid fever reported was 251, with 39 deaths being the lowest incidence rate ever reported in the Province.

One outbreak, which was investigated by the Division, occured in an isolated spot in the Cochrane District, called Blueberry Lake, where there had been a gathering of people living under unsanitary conditions, engaged in picking blueberries. Nine cases of typhoid fever resulted from this epidemic, all of which were hospitalized in Matheson, Cochrane and Hearst. The cause was ascribed to the pollution of the water supply by an undiagnosed mild case of typhoid fever living near the point from which drinking water was taken.

Another smaller outbreak of five cases occured at Fenelon Falls, where the source of infection was a contaminated well. This was also investigated by the Provincial Epidemiologist.

Investigation of isolated cases has brought to light and identified many typhoid carriers. These have been warned as to their activities in food handling and milk handling by the Division and through the local medical officer of health, and obliged to conform to the regulation of the Department with respect to typhoid carriers.

The incidence of typhoid fever was below the endemic index for all months, the peak, however, occurred in October, as has been the experience in previous years.

Smallpox

For the first time in the history of the Province there were no cases of smallpox reported to the Department of Health. This should not be taken, however, as an indication of the extent and thoroughness of smallpox vaccination, as many municipalities have neglected this form of protection for many years and the introduction of this disease will result in a widespread epidemic unless smallpox vaccination is carried out more completely by the local health authorities.

Scarlet Fever

Scarlet fever has, during the past year, continued to be an important cause of illness, in that 8,927 cases were reported by the local boards of health, and 76 deaths. For each month, except December, during the year the incidence was above the endemic index.

In a few localities the local boards have offered protection in the way of active immunization against the disease to school and pre-school children by the use of the Dick test and scarlet fever toxin. In these localities, although this form of immunization did not prove one hundred per cent. effective, it did result in an apparent decrease in the incidence of the disease amongst those children so protected.

Poliomyelitis

During the year there was a slight increase in the number of cases of poliomyelitis, 208 cases being reported and 23 deaths, an increase of 100 cases over the previous year's experience. However, except for the month of October when 89 cases were reported, the experience was within the endemic index for the previous six years.

As in the past, convalescent serum was prepared and distributed by the Department and widely used by practitioners who were treating cases in the early stages of the disease. This service for payment of donors cost $3,158.00.

An arrangement has been made with the Ontario Society for Crippled Children to follow up through the attending physician every case of poliomyelitis which had resulted in a measure of residual paralysis. A letter was forwarded to the physician who had attended such cases as had been reported during 1935 and 1936 and consultant orthopedic service was offered where deemed necessary. The Ontario Society for Crippled Children, in the case of parents being unable to pay for such service, provided transportation for the case to a hospital centre or in some instances, provided consultant service in the home. Of the thirty-one cases investigated, twenty-four have been provided with adequate orthopedic care. Of the remainder, some had died and some had cleared of all symptoms of paralysis since the original report had been received.

Measles

The epidemic of measles which started during 1935 continued for the first six months of 1936. Since that time the incidence has been approximately at the level of the endemic index. A total of 26,429 cases was reported during the year which was a decrease of 18,000 cases from the experience of the previous year. Eighty-four deaths were recorded.

Very little advantage was taken of the offer by the Department of a solution of sodium citrate to be used in an attempt to avoid or abort an attack by the use of whole blood drawn from a parent who had had the disease previously, citrating it and injecting it into the exposed child. It is not deemed feasible to provide convalescent serum and the method recommended did not prove sufficiently convenient for the profession to use it to any great extent.

Whooping Cough

A total of 7,890 cases of whooping cough were reported and 111 deaths, which is a slight increase over the number reported during the previous year. The incidence by months, except for April and July, was above the endemic index. Vaccine made from freshly isolated strains of the organism, has been made available by the laboratories of the Department for free distribution, and is recommended by the laboratories for both prophylaxis and treatment. It is to be hoped that within the next year the evaluation of this method of prophylaxis will be available.

Undulant Fever

During the year there were 127 cases of undulant fever reported and 2 deaths, which is an increase of 41 cases over the previous year's experience. For the first six months of the year undulant fever was above the endemic index and accounted for more cases reported in the Province, for those months, than typhoid fever. This disease will continue to be present until there is more widespread adoption of the most effective method of its control, namely, efficient pasteurization. Each positive laboratory report is investigated for source of infection by epidemiological case card, and appropriate recommendations made as to elimination of the source of infection.

Cerebro Spinal Meningitis

Fifty-two cases of this disease were reported for the year, being an increase of 20 cases over that of the previous year. Twenty deaths occurred. For seven months of the year this disease was slightly above the endemic index. Cases reported were from scattered points and in no community did it reach epidemic proportions.

Diphtheria

During the year there have been reported 290 cases of diphtheria and thirty-one deaths, which is the lowest incidence ever recorded in this Province and is less by 71 cases than the experience in the previous year. For every month diphtheria was one-half or less of the endemic index.

During the year a study was made of the result of the use of diphtheria toxoid in every municipality in the Province, estimating the number of children under fourteen years of age in each municipality and the percentage of those who had been given the benefit of immunization against diphtheria with diphtheria toxoid by the local health authorities No attempt was made to obtain figures giving the number of children immunized by the family physician.

Since 1923, 431,311 children have been immunized against diphtheria in schools and pre-school clinics in the Province. Since the distribution of toxoid in the Province was commenced there has been a distinct saving, not only in cases and deaths but also in the amount of money expended by the Province on diphtheria antitoxin. In 1924, $40,000 was expended in the distribution of diphtheria antitoxin in the treatment of the disease and only $1,800 was expended in diphtheria prevention, namely, toxin antitoxin, toxoid and Schick test material, whereas in 1935, only $10,865 was expended in the provision of diphtheria antitoxin for treatment and $12,442 on toxoid and Schick test material.

Comparing the number of cases and deaths occurring in 1924 with the number of cases and deaths occurring in 1935, we have a saving of over 3,000 cases and 285 fewer deaths.

The following Table 1 shows how toxoid has been administered in Ontario in the various municipalities according to their size of population. It will be noted that of the total 885 municipalities, 406 of these had not administered toxoid to their school or pre-school population. Of these municipalities who had not given toxoid, 295 were townships and 102 villages and towns under 5,000 population.

TABLE I

NUMBER OF MUNICIPALITIES IN ONTARIO ADMINISTERING TOXOID

Municipalities	Toxoid before and including 1930	Toxoid commencing 1931	No Toxoid	Total
Cities of 10,000 and over	14	16	0	30
Suburban townships, 10,000 and over	6	2	....	8
Towns, 5,000 to 10,000	8	15	5	28
Townships, 5,000 to 10,000	6	7	4	17
Towns, 1,000 to 5,000	26	66	41	133
Townships, 1,000 to 5,000	32	160	147	339
Villages under 1,000	7	48	61	116
Townships under 1,000	12	54	148	214
Totals	111	368	406	885

In the counties where toxoid had been given to large numbers of children and this practice had been continued each year, there has been a most remarkable decrease in the number of cases and deaths, notwithstanding the fact that diphtheria is ordinarily more prevalent in the larger centres of population. This decrease is more apparent in those municipalities where toxoid immunization was started and maintained for a period of between eight and ten years. To be most effective, toxoid immunization should be continued each year.

Table II shows the work which has been accomplished each year for the period 1923 to 1935. A falling off will be noted for the figures of 1935 as compared with the figures of the previous year. It is urged that all boards of health should redouble their efforts in this important means of prevention against one of the most serious diseases of childhood.

TABLE II

ANNUAL IMMUNIZATION AND ESTIMATED PERCENTAGE IMMUNIZED

Year	Population	Number Immunized	Estimated Percent. Immunized Population 0-14 yrs.
1923	3,033,266	780	.09
1924	3,083,068	560	.06
1925	3,132,870	4,118	.5
1926	3,182,672	14,413	1.6
1927	3,233,474	18,350	2.0
1928	3,283,276	18,576	2.0
1929	3,333,078	21,284	3.0
1930	3,382,880	33,461	3.5
1931	3,431,683	52,217	5.4
1932	3,483,000	79,186	8.1
1933	3,524,000	61,849	6.0
1934	3,563,000	70,542	7.1
1935	3,596,000	55,975	5.5
Total		431,311	

The mortality rate from diphtheria in 1921 was 22 per 100,000 of population and in 1935 it had dropped to 1 per 100,000 of population, bringing the death rate down to approximately that of typhoid fever for that year.

Of those municipalities who have not as yet offered this form of protection to the children, the Division is planning to stimulate them in this effort which has proven so effective in those municipalities in which it has been carried out and maintained.

Dysentery

During the year there have been reported to the Department 91 cases of dysentery and thirty-four deaths, practically all of which were of the bacillary type. It is considered, however, that this problem of dysentery is of much greater importance than this figure would indicate from the amount of laboratory work which has been done on a few cases. We must realize that bacillary dysentery, usually of the B. dysenteriae Flexner type is present in the Province, especially during the later summer months. In the resort areas outbreaks of diarrhoea have occurred of more or less short duration, but sufficiently severe to cause alarm amongst those engaged in the tourist business. In the past such outbreaks have occasionally been reported to the Department but at too late a date to accomplish much in the way of identification of the type of the disease or the probable source of infection.

It is considered that this is of sufficient importance to the continuance of the extensive tourist traffic in the Province, for particular attention to be paid to these outbreaks and effective measures for control recommended.

During the summer of 1937 it is planned to elicit the co-operation of the resort owners n the areas reporting such occurrences so that effective measures can be put into effect promptly to control the outbreak and to prevent their recurrence.

Co-operation has been given to the Hospitals Division of the Department in investigating and instituting control measures for communicable diseases which have from time to time occurred in the Ontario Mental Hospitals during the year.

Educational material on the communicable diseases pamphlets, etc., was forwarded from the Division in the number of 78,324, to physicians, parents, school teachers, women's institutes and other voluntary health agencies.

VENEREAL DISEASE CONTROL

There are at present eighteen Venereal Disease Clinics in the Province with Provincial grants. The amalgamation of the Toronto Western Hospital with the Grace Hospital, Toronto, occasioned the combining of the two former clinics operating in these hospitals, making one clinic at the Toronto Western Hospital.

The Clinics are situated as follows: Toronto (5), Hamilton, Brantford, London, Windsor, Owen Sound, Ottawa, Fort William, Kitchener, St. Catharines, Kingston, Peterboro, Sault Ste. Marie and Sudbury.

For some years a clinic for the treatment of syphilis has been operating in the Toronto East General Hospital. Application was made by this Hospital to recognize the clinic as one under Provincial subsidy and at the present time arrangements are being completed to this end. This Clinic will serve the large area of Toronto east of the Don River and the adjoining Township of East York.

Since April first, 1935, the payment for treatments given in the clinics was reduced from thirty-five cents to twenty-five cents per treatment, which reduction resulted in a saving of approximately $20,000 per year.

For some time it was realized that the scheme of subsidizing only clinics taking care of the larger centres of the Province and the municipalities adjoining, did not provide for those unable to pay for venereal disease treatment in

the remainder of the Province, which accounts for approximately 2,000,000 of the population. This was not a fair distribution and it was decided to utilize the money saved in the reduction of payments to the clinics in assisting municipalities without clinic facilities in the discharge of their responsibility respecting treatment, which is obligatory under The Venereal Diseases Prevention Act. The following Order-In-Council, therefore, was passed on February 5th, 1936:

"Copy of an Order-In-Council approved by the Honourable, the Lieutenant-Governor, dated the 5th day of February, A.D., 1936.

WHEREAS according to the provisions of section 12 of The Venereal Disease Prevention Act, R.S.O., 1927, Chapter 264, the Department with the approval of the Lieutenant-Governor in Council may out of any moneys appropriated by the Legislature for the purposes of the Department provide for the payment of certain expenses:

AND WHEREAS the Legislature has appropriated certain moneys for the purposes of the Department for the fiscal year ending March 31st, 1936:

THEREFORE the Minister recommends that your Honour approve of the payment by the Department out of the said moneys appropriated by the Legislature of a part of any expenses which have been paid by any municipality pursuant to the provisions of section 13 of the said Act, and that the Department pay to every such municipality a part of such expenses which shall be in proportion to the total expenses paid by all municipalities.

The Committee of Council concur in the recommendation of the Honourable the Minister of Health, and advise that the same be acted on.

Certified (sgd.) C. H. BULMER,

Clerk Executive Council."

All municipalities were circularized calling their attention to this Order-In-Council and outlining the method by which accounts that they had paid for the treatment of venereal disease would be reimbursed in part by this Department. At the present time the Department is reimbursing these municipalities for fifty per cent. of their expenditures, based on the following schedule of fees: Two Dollars for each intravenous treatment, One Dollar for each intramuscular treatment, Two Dollars when both forms of therapy are administered on the same occasion, and One Dollar for each treatment for gonorrhoea. During the year $6,256.66 was paid to municipalities under this scheme.

It was found that not all of the municipalities were assuming their responsibilities in this regard, and using the results from the laboratory service and reports from the local boards of health, a survey is being carried out in three of the cities of Ontario to determine why this has not been done.

In the case of patients from unorganized districts, physicians in the area are paid by the Department on the schedule of fees stated above.

The following is a summary of the work carried out in the eighteen Venereal Disease Clinics during the year:

1.	Number examined and found positive	3,899
2.	Number carried over from previous year	6,662
3.	Number of new cases (never previously treated in clinic)	2,498
4.	Number of cases readmitted	754
5.	Number previously treated patients	647
6.	Number of cases treated	10,561
7.	Number of treatments	166,596
8.	Number of contacts and sources examined	1,215
9.	Number of visits made by nurses	5,281

Number of cases treated 10,561

New Cases (never previously treated in clinic) 2,498

	Male	Female
Syphilis	511	321
Gonorrhoea	1,250	377
D. I.	21	18

Number of cases re-admitted 754

	Male	Female
Syphilis	224	144
Gonorrhoea	281	53
Double Infection	34	18

Number of patients previously treated 647

	Male	Female
Syphilis	232	135
Gonorrhoea	192	73
Double Infection	5	10

Number of new cases Syphilis classified 1,192

	Male	Female
Primary	130	43
Secondary	82	62
Tertiary	521	354

New cases of Gonorrhoea 2,032

	Male	Female
1. Under 1 month	1,159	153
2. Under 2 months	137	124
3. Over 2 months	250	209

Number of paid treatments classified 166,596

	Male	Female
Syphilis	54,637	38,019
Gonorrhoea	60,530	13,410

Number of Contacts and Sources examined 1,215

Positive for Syphilis	188
Positive for Gonorrhoea	199

Number of children treatments 7,364

	Male	Female
Syphilis	2,783	2,573
Gonorrhoea	68	1,940

Number discharged from clinics 4,198

Number discharged apparently cured 1,991

	Male	Female
Syphilis	354	260
Gonorrhoea	988	295
Double Infection	66	28

Number transferred 824

	Male	Female
Syphilis	240	205
Gonorrhoea	238	97
Double Infection	21	23

Number discharged without permission		1,383
	Male	Female
Syphilis	421	253
Gonorrhoea	517	122
Double Infection	42	28
Social Histories taken in Clinics		3,609
Cases referred by: Doctors, 742; self, 1,150; friends, 161; hospitals, 599; other clinics, 339; social agency, 109; Department of Health, 139; jails, 40; readmissions, 300· police, 30.		
Number of cases referred to M. O. H		1,156
Source		134
Contact		135
Non-attendance		887
Number of cases placed under V. D. Act		123
Number of cases prosecuted under V. D. Act		37
Analysis by Age Groups of New Admissions		3,129
	Male	Female
Under 16 years	36	60
16-19 years	179	111
20-29 years	1,003	425
30-39 years	541	157
Over 40 years	492	125
Number of visits of Social Service Nurses		5,281
Number of patients treated in hospitals where clinics are situated		756
	Male	Female
Syphilis	130	107
Gonorrhoea	295	217
Double Infection	2	5
Number of days in hospital		10,177
	Male	Female
Syphilis	1,919	1,281
Gonorrhoea	3,398	3,579
Laboratory Examinations		29,946
	Positive	Negative
Syphilis:		
Blood	6,039	8,947
Cerebro Spinal fluid	100	232
Darkfield	55	100
Gonorrhoea:		
Diagnosis	2,283	5,919
Prognosis	1,845	4,426
Treatment for Syphilis:		
Diarsenol		6,368
Novarsan		20,615
Other arsenicals, including Mapharsen and Tryparsamide		10,713
Mercury		8,089
Bismuth		40,547
Medicines		8,324
Other and advice		4,550
Treatment for Gonorrhoea:		
Irrigations		68,265
Douche		3,484
Injections		3,192
Prostatic Massage		15,241
Instrumentation		2,208

Deep Instillation	2,401
Topical Application	12,253
Vaccine	3,356
Examinations	5,033
Medicines	820
Total	215,458

Drugs for the free treatment of venereal disease were distributed as follows:

	Ampoules	Grams.
Diarsenol	2,496	3,399.16
Novarsan	26,181	20,437.63
Mapharsen	9,450	630
Bismuth Oxychloride	68,583	174,238 grains
Mercury Salicylate	13,690	16,106 grains
Sodium Hydroxide		1,152 ounces
Distilled Water		53,434 ounces

Fewer new cases were admitted to the Clinics; a total of 832 new cases of syphilis who had never previously been treated, were admitted during the year as compared with 1,531 during the previous year. This may mean that there are fewer new infections, which is probably true, because during the year there were only 173 cases of primary syphilis admitted to the Clinics as compared with 209 during the previous year. There may also be the factor of a certain number of patients who are on medical relief applying to medical practitioners for treatment in a few centres. This factor, however, should not be taken as the only reason for a reduction in the number of new cases. It would seem that the efforts of the Department in venereal disease control, continued since its inception in 1920, is bearing fruit in the reduced number of new cases of syphilis applying for treatment. There has been no such marked reduction in the new cases of gonorrhoea.

During the year 1,991 were discharged as cured from the Clinics, which is an increase over the previous year, which was 1,809. There were, however, 1,383 patients who were discharged without permission, which means that they were lost. In the case of patients who are in the early acute infectious stages of the disease, this is a disquieting figure, and to further reduce the number of patients lost in this way will require intensive effort on the part of social service nurses working in the clinics and the closest co-operation by the medical officers of health.

There were 37 prosecutions of former patients in the venereal disease Clinics, under The Venereal Diseases Prevention Act, which is an increase over the previous year of 24 cases, but this reflects great credit on the tact and assiduousness of social service nurses in that such a small number of patients, out of a total registration of 10,561, were required to be brought before a magistrate in order to have them continue with their necessary treatment.

Drugs for the free treatment of venereal disease, supplied to clinics and private physicians on their signed requisition that the patients were unable to pay for the drugs, were supplied as above.

From February, 1936, the Department made available for distribution to the Clinics only, supplies of Mapharsen, a newer form of arsenical which had already received some clinical trial in three of the Clinics. Reports received from the Clinics after the first year of the use of this drug, were guarded in their opinions as to its effectiveness and asked for a longer period of time for clinical trial before any definite opinion could be given as to its status in the recognized arsenicals used for the treatment of syphilis.

STATEMENT OF COMMUNICABLE DISEASES IN 1936

1936 These figures are as reported by Local Boards of Health. For Official number of deaths, see Report of Registrar General)	Smallpox		Scarlet Fever		Diphtheria		Measles		Whooping Cough		Typhoid Fever		Tuberculosis		Poliomyelitis		Cerebro Spinal Meningitis		Influenza		Pneumonia		Syphilis		Gonorrhoea		Chickenpox		Encephalitis		German Measles		Mumps		Septic Sore Throat		Undulant Fever		Dysentery		Erysipelas		Paratyphoid Fever	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
January	0	0	1,189	8	34	0	4,027	1	992	5	13	2	213	45	1	0	3	1	202	6	66	199	217	0	287	0	1,688	0	2	2	1,598	0	1,822	0	11	1	12	0	2	0	17	1	9	0
February	0	0	1,443	8	18	0	5,812	4	1,121	3	14	3	214	54	1	1	7	7	627	16	124	264	205	1	211	0	1,204	0	2	1	4,513	2	2,069	0	19	3	7	1	4	1	15	1	3	0
March	0	0	1,248	6	25	0	4,368	1	785	0	15	1	152	51	0	0	7	4	347	8	142	223	128	0	174	0	1,038	0	1	2	10,146	1	2,237	0	8	1	9	0	2	0	14	0	2	0
April	0	0	990	4	17	0	3,053	1	704	2	9	1	178	45	0	0	7	4	156	5	69	166	169	0	236	0	801	0	1	0	5,633	0	1,920	0	13	2	21	0	2	0	15	2	1	0
May	0	0	718	3	23	1	3,052	5	717	4	7	3	264	49	1	0	3	4	144	4	95	259	210	3	288	0	903	0	2	5	5,466	1	2,097	0	20	3	12	0	1	0	16	4	3	0
June	0	0	653	1	10	0	1,509	0	474	2	9	0	202	52	4	0	1	0	208	1	53	147	141	4	156	0	711	0	0	1	1,442	0	1,190	0	8	1	22	0	20	0	13	1	1	0
July	0	0	391	1	16	2	952	2	360	1	12	3	186	66	5	0	0	4	1	2	22	138	80	1	121	0	472	0	0	1	372	0	118	0	2	3	3	0	11	1	11	0	4	0
August	0	0	268	1	31	0	328	0	475	1	40	2	158	43	20	1	4	1	36	2	21	114	184	1	302	0	191	0	0	2	35	0	210	0	2	1	10	0	12	0	5	2	11	0
September	0	0	277	3	25	1	353	2	484	5	47	3	184	43	64	2	5	2	40	1	21	90	148	1	198	0	266	0	1	0	46	0	280	0	18	1	11	0	27	0	13	1	13	1
October	0	0	550	1	39	0	1,231	1	672	1	60	6	204	42	88	6	3	5	52	2	54	198	214	2	363	0	842	0	0	1	36	0	390	0	16	0	6	0	4	0	14	3	7	0
November	0	0	727	3	33	2	800	1	672	3	18	2	159	34	23	2	6	4	18	1	72	155	110	0	220	0	1,481	0	3	3	33	0	483	0	30	2	11	0	2	0	15	1	3	0
December	0	0	473	2	19	2	944	0	434	2	7	1	163	30	1	0	6	2	38	5	49	163	191	2	182	0	1,674	1	0	0	31	0	583	1	13	1	3	1	4	0	20	2	2	0
1936 Total	0	0	8,927	41	290	8	26,429	18	7,890	29	251	27	2,277	554	208	12	52	38	1,869	53	788	2,116	2,000	15	2,738	0	11,301	1	12	18	29,351	4	13,699	1	160	19	127	2	91	2	168	18	59	1
1935 Total	7	0	7,245	33	361	16	44,958	21	7,663	38	310	26	2,416	474	108	5	32	23	1,845	48	625	1,881	1,900	9	2,559	0	13,116	2	6	5	20,627	1	9,568	2	202	2	86	0	37	6	129	7	58	0
1934 Total	1	0	6,057	42	371	16	2,392	1	7,624	36	547	22	2,149	513	326	23	35	12	343	30	511	1,539	2,055	8	2,205	1	10,829	2	2	4	350	0	5,920	1	98	6	97	2	34	12	133	13	88	1

STATEMENT

BIOLOGICAL PRODUCTS AND INSULIN

APRIL 1st, 1935 TO MARCH 31st, 1936

SUMMARY 1935-36

DIPHTHERIA:					
Antitoxin	6,401 M units at	14c per M units	$ 896 14		
	79,360 M units at	12c per M units	9,523 20		
				$ 10,419 34	
Schick Test	4,092 Outfits at	20c each	$ 818 40		
Toxoid	14,802 x 1 person at	20c each	2,960 40		
	2,752 x 6 persons at	80c each	2,201 60		
	6,840 x 12 persons at	$1.00 each	6,840 00		
	460 Diluted at	20c each	92 00		
				12,912 40	
					$ 23,331 74
TETANUS:					
Antitoxin	72,944,500 units at	30c per M units	$ 21,883 35		
Intraspinal Outfits	236 units at	45c each	106 20		
					21,989 55
SCARLET FEVER:					
Antitoxin	7,721 prophylactic doses at	40c each	$ 3,088 40		
	2,314 prophylactic doses at	75c each	1,735 50		
	9,630 treatment doses at	$2.25 each	21,667 50		
	2,282 treatment doses at	2.75 each	6,275 50		
				$ 32,766 90	
Toxin	6,870 x 1 person at	30c each	$ 2,061 00		
	3,583 x 6 persons at	1.00 each	3,583 00		
Dick Test	6,187 Outfits at	20c each	$ 1,237 40		
				6,881 40	
					39,648 30
ANTI-MENINGOCOCCUS:					
Serum	1,382 x 20cc vials at	1.00 each	$ 1,382 00		
Intraspinal Outfits	231 at	45c each	103 95		
				$ 1,485 95	

STATEMENT OF BIOLOGICAL PRODUCTS AND INSULIN SUMMARY Continued

SMALLPOX:					
Vaccine	5,824 x 2 point pks. at	12c per pk	698 88		
	109,795 points at	4.5 per point	4,940 77		
				5,639 65	
RABIES:					
Vaccine	37 treatments at	$10.50 each		388 50	
ANTI-ANTHRAX:					
	1 x 50cc vial at	1.75 each		1 75	
		TOTAL COST BIOLOGICAL PRODUCTS			$ 92,485 44
INSULIN	21,684 x 200 units vials at 47½c each		$10,299 91		
	9,560 x 200 units vials at 40c each		3,824 00		
	31,244				
	52750 x 400 units vials at 85c each		44,837 50		
	26500 x 400 units vials at 70c each		18,550 00		
	7 250				
	3,202 x 800 units vials at $1.60 each		5,123 20		
	1,497 x 800 units vials at 1.30 each		1,946 10		
	4,699				
		TOTAL COST INSULIN			$ 84,580 71
		TOTAL COST BIOLOGICAL PRODUCTS AND INSULIN			$ 177,066 15

STATEMENT OF BIOLOGICAL PRODUCTS AND INSULIN—Continued

Month	Diphtheria Antitoxin						Diphtheria Toxoid							
	1M and 5M Units	Cost	10M 20M 40M Units	Cost	Syringes	Cost	One Person	Cost	Six Persons	Cost	Twelve Persons	Cost	Diluted	Cost
1935	M	$ c	M	$ c		$ c		$ c		$ c		$ c		$ c
April	567	79 38	9670	1,160 40	100	20 00	946	189 20	214	171 20	289	289 00	33	6 60
May	571	79 94	4730	567 60	9	1 80	981	196 20	333	266 40	494	494 00	63	12 60
June	853	119 42	6930	831 60	149	29 80	697	139 40	59	47 20	93	93 00	55	11 00
July	473	66 22	3850	462 00	81	16 20	1150	230 00	150	120 00	135	135 00	28	5 60
August	575	80 50	3400	408 00	110	22 00	914	182 80	80	64 00	346	346 00	39	7 80
September	577	80 78	9540	1,144 80	75	15 00	1698	339 60	353	282 40	1078	1,078 00	26	5 20
October	754	105 56	9600	1,152 00	112	22 40	1776	355 20	564	451 20	1373	1,373 00	68	13 60
November	761	106 54	8180	981 60	138	27 60	1604	320 80	269	215 20	937	937 00	61	12 20
December	330	46 20	6310	757 20	135	27 00	1255	251 00	115	92 00	381	381 60	32	6 40
1936														
January	338	47 32	7090	850 80	125	25 00	1413	282 60	319	255 20	689	689 00	31	6 20
February	511	71 54	6010	721 20	88	17 60	1240	248 00	172	137 60	552	552 00	13	2 60
March	91	12 74	4050	486 00	104	20 80	1128	225 60	124	99 20	473	473 00	11	2 20
	6401	896 14	79360	$9,523 20	1226	$245 00	14802	2,960 40	2752	2,201 60	6840	6,840 00	460	$92 00

STATEMENT OF BIOLOGICAL PRODUCTS AND INSULIN—Continued

Month	Diphtheria Schick Test		Tetanus Antitoxin					
	Outfits	Cost	Units	Cost	Syringes	Cost	Outfits	Cost
1935		$ c		$ c		$ c		$ c
April	244	48 80	4,948,500	1,484 55	179	35 80	8	3 60
May	212	42 40	5,280,000	1,584 00	114	22 80	14	6 30
June	216	43 20	8,103,000	2,430 90	400	80 00	52	23 40
July	275	55 00	10,485,500	3,145 65	414	82 80	24	10 80
August	260	52 00	8,592,500	2,577 75	250	50 00	22	9 90
September	469	93 80	8,943,000	2,682 90	339	67 80	58	26 10
October	467	93 40	7,990,500	2,397 15	280	56 00	21	9 45
November	414	82 80	6,185,500	1,855 65	156	31 20	12	5 40
December	352	70 40	4,032,000	1,209 60	165	33 00	4	1 80
1936								
January	333	66 60	2,690,500	807 15	65	13 00	15	6 75
February	445	89 00	2,057,500	617 25	65	13 00	1	45
March	405	81 00	3,636,000	1,090 80	100	20 00	5	2 25
	4092	818 40	72,944,500	21,883 35	2527	505 40	236	106 20

STATEMENT OF BIOLOGICAL PRODUCTS AND INSULIN—Continued

Month	Scarlet Fever Antitoxin						Dick Test		Scarlet Fever Toxin			
	Prophylactic	Cost	Treatments	Cost	Syringes	Cost	Dick Test	Cost	One Person	Cost	Six Persons	Cost
1935		$ c		$ c		$ c		$ c		$ c		$ c
April	812	324 80	1012	2,277 00	136	27 20	692	138 40	711	213 30	325	325 00
May	844	337 60	786	1,768 50	184	36 80	261	52 20	314	94 20	200	200 00
June	604	241 60	1004	2,259 00	125	25 00	278	55 60	422	126 60	95	95 00
July	438	175 20	792	1,782 00	100	20 00	280	56 00	401	120 30	179	179 00
August	624	249 60	830	1,867 50	75	15 00	322	64 40	300	90 00	177	177 00
September	493	197 20	958	2,155 50	100	20 00	468	93 60	588	176 40	363	363 00
October	945	378 00	1218	2,740 50	125	25 00	533	106 60	548	164 40	369	369 00
November	859	343 60	828	1,863 00	125	25 00	599	119 80	910	273 00	396	396 00
December	957	382 80	1091	2,454 75	301	60 20	600	120 00	623	186 90	322	322 00
1936												
January	1145	458 00	1111	2,499 75	274	54 80	651	130 20	872	261 60	562	562 00
February	1238	928 50	1154	3,173 50	225	45 00	858	171 60	502	150 60	379	379 00
March	1076	807 00	1128	3,102 00	250	50 00	645	129 00	679	203 70	216	216 00
	10035	4,823 90	11912	27,943 00	2020	404 00	6187	1,237 40	6870	2,061 00	3583	3,583 00

STATEMENT OF BIOLOGICAL PRODUCTS AND INSULIN—Continued

Month	Anti-Meningococcus Serum				Smallpox Vaccine				Rabies Vaccine		Anti-Anthrax Vaccine	
	20cc Vials	Cost	Outfits	Cost	2 Point Packages	Cost	5 and 10 Point Packages	Cost	Treatments	Cost	50cc Vials	Cost
1935		$ c		$ c		$ c	Pts.	$ c		$ c		$ c
April	142	142 00	6	2 70	426	51 12	12,520	563 40	4	42 00	....	.....
May	172	172 00	29	13 05	425	51 00	14,220	639 90	3	31 50	....	.....
June	122	122 00	36	16 20	545	65 40	8,795	395 78	3	31 50	....	.....
July	80	80 00	13	5 85	684	82 08	7,110	319 95	7	73 50	1	1 75
August	161	161 00	20	9 00	556	66 72	10,330	464 85	4	42 00	....	.....
September	127	127 00	25	11 25	613	73 56	12,875	579 37	4	42 00	....	.....
October	32	32 00	7	3 15	477	57 24	13,440	604 80	....	.....	....	.....
November	138	138 00	29	13 05	443	53 16	6,560	295 20	3	31 50	....	.....
December	80	80 00	15	6 75	223	26 76	2,420	108 90	2	21 00	....	.....
1936												
January	85	85 00	10	4 50	679	81 48	6,140	276 30	3	31 50	....	.....
February	138	138 00	24	10 80	242	29 04	5,640	253 80	2	21 00	....	.....
March	105	105 00	17	7 65	511	61 32	9,745	438 52	2	21 00	....	.....
	1382	1,382 00	231	103 95	5824	698 88	109,795	4,940 77	37	388 50	1	1 75

STATEMENT OF BIOLOGICAL PRODUCTS AND INSULIN—Continued

Month	Insulin			
	200 Units	400 Units	800 Units	Cost
				$ c
1935				
April	3720	7500	640	9,166 00
May	2774	6700	255	7,420 65
June	3310	8000	350	8,932 25
July	2305	6885	335	7,483 13
August	2950	7325	390	8,251 50
September	1900	5625	380	6,291 75
October	2650	4775	462	6,056 70
November	2075	3940	3 0	6,658 63
December	2120	6525	307	5,814 60
1936				
January	2800	6650	510	6,438 00
February	2380	6950	335	6,252 50
March	2260	6375	345	5,815 00
	31244	79250	4699	84,580 71

SUMMARY

Biological Products	$93,640 04
Syringe Containers	1,154 60
Net Cost	$92,485 44
Insulin	$84,580 71
Total Cost	$177,066 15

DIVISION OF MATERNAL AND CHILD HYGIENE AND PUBLIC HEALTH NURSING

JOHN T. PHAIR, M.B., D.P.H., Director
EDNA L. MOORE, CHIEF PUBLIC HEALTH NURSE

The interest of the Division in the field of maternal mortality has been largely confined to a continuance of the effort to uncover the significance of the various factors which presumably contribute towards deaths among pregnant women. While the Department is appreciative of the fact that such deaths occur with a greater frequency than would appear to be warranted, it is also impressed with the necessity of knowing first, whether the conditions presumed to be responsible are the causative factors or whether their contribution is a casual one.

The so-called toxaemias of pregnancy head the list of causes of maternal deaths. As a matter of fact, from the available data over the years in which this intimate study has been made, it would appear that toxaemias were on the increase; 24% of the deaths were reported to be from this cause. The percentage of deaths from abortions is somewhat lower than in the preceding year; 18% as compared to 20%; the specific death rate for abortions being .9 per 1,000 living births. In 86% of those dying from abortion sepsis was reported.

It is of interest to note that the percentage of those dying from puerperal septicaemia, (not associated with abortion), appears to be steadily declining. In the first year that the study was undertaken, 23% were noted as dying from puerperal septicaemia as compared with 15% in the present year. Deaths from haemorrhage have also declined from 13% in 1933 to 11% in 1935.

Deaths from ectopic gestation have remained practically the same throughout the years under review; approximately 4% dying from this cause.

Embolism, thrombosis and sudden deaths would appear to be responsible for 12% of the deaths, while accidents of pregnancy and childbirth were given as the cause of death in 16%.

That the practising physicians themselves are concerned with the problem of reducing the toll of maternal deaths would appear to be a safe premise. This is best demonstrated by the fact that in the first year for which a request was made for such reports, 75% of the physicians responded, while last year approximately 96% of the report forms were returned.

Infant Mortality—The infant death rate has been declining steadily since 1931. The rate for 1935 is ostensibly the same as that for the previous year, namely 55.7. The continued maintenance of this downward trend requires the sustained effort of all agencies, either directly or indirectly, concerned with this significant aspect of public health effort.

Health of the School Age Group—The Division continues to assume the responsibility delegated by the Department of Education for the supervision of the local programme carried out in the 105 centres in which school health supervision forms a significant part of the community health programme.

For the second year the Division assisted the Department of Education in supplying nursing personnel and arranging for the complete physical examination of all applicants to the teacher-training schools. The examining

physicians' findings would appear to reflect the absence of any very serious concern as to the present health of the students in the secondary schools of the Province.

Handicapped children of school age, in the rural and smaller urban centres, who require special teaching, continue to receive physical examination under the auspices of this Division at the request of the Department of Education.

The co-operative effort sponsored jointly by the Departments of Health and Education some five years ago, designed to evolve a more acceptable approach to the problems of health teaching in the elementary schools, has been continued throughout the year, and for the fourth consecutive year a summer course on Health Teaching was held, the Director of the Division again acting as Principal. It is interesting to note that since the inception of this course, the attendance has practically doubled each year.

Further: Analytical surveys of existing health services of certain larger centres, for the purpose of measuring the effectiveness of the local programme, have been carried on at the request of the municipality concerned.

Public Health Nursing

The activities of those members of the Division staff concerned chiefly with the field of public health nursing is reported on, as follows, by Miss E. L. Moore, Chief Public Health Nurse:

From January to June the public health nursing staff consisted of fourteen members assigned to the following duties:

General supervision of official public health nursing activities throughout the Province—3;

Generealized public health nursing service in Temiskaming District—1;

Health Education—1;

Eastern Ontario Health Unit—one supervisor and eight staff nurses.

In June, Miss Edna Howey, senior supervisor, was granted leave of absence to participate in the Vimy Pilgrimage and to take the public health nursing course of the Florence Nightingale International Foundation at Bedford College, University of London, (Eng.). Miss Howey's absence necessitated the transfer of Miss Bertha Johnson from the Health Unit staff to assist the other supervisors. In September, Miss Ola Dancause, a graduate of the public health nursing course, University of Western Ontario, was taken on the temporary staff for duty in the Health Unit during a leave of absence granted to Miss Ora Lefler.

Early in the year the public health nursing service at Sturgeon Falls was discontinued. Fort Frances re-established a service in September after a lapse of several years. In Midland, the service which had formerly included the school age group only, was expanded, in September, to include a measure of public health nursing service for all age groups. The Ontario Red Cross Society and the local Branches established, during the year, a generalized public health nursing service in Manitoulin Island.

The nursing activities of the Eastern Ontario Health Unit are reported upon in full elsewhere.

The supervisors visited 90 of the 117 centres where public health nursing is organized. Included in this number are municipalities in which the school

health service is carried out by public health nurses employed by the Red Cross, the Victorian Order of Nurses and the St. Elizabeth Visiting Nurse Association through arrangements with the local School Boards.

In the 90 centres visited there are 204 nurses serving a total population of 996,712. Eighty-two centres received one visit, 6 centres 2 visits and 2 centres 3 visits during 1936. These visits include the introduction of fourteen newly appointed nurses to the local situation, the authorized programme and recording system. Following each supervisory visit a report was sent to the local authorities.

The urgent need for Daily and Monthly Report forms, that would assist nurses to evaluate their work in terms of the accepted objectives of public health nursing, has been felt for some time. During the year two forms for reporting activities in generalized and school services were devised and used for an experimental period of three months by some forty nurses. The criticism and suggestions received will help greatly in developing the final make-up of these forms.

The Chief Public Health Nurse, four supervisors and two staff nurses assisted with the examination of 1,348 students applying for admission to the Normal Schools of the Province and the College of Education. Two supervisors were engaged in the preliminary organization work for the Dental Hygiene Campaign which was carried on in twelve towns and cities of south-western Ontario.

Through the co-operation of local Boards of Health and School Boards in centres where public health nursing programmes are organized, plans were made for fifteen graduate students in public health nursing at the University of Toronto to receive one month of field observation and practice. Six undergraduate students of the University School of Nursing received similar experience. Aid was extended to those responsible for the direction of the public health nursing course at both the University of Toronto and the University of Western Ontario by members of the staff.

Four staff members attended a Refresher Course on Changing Practices in Child Hygiene at the School of Nursing. A resume of the lectures was prepared and distributed to the public health nurses of the Province.

Temiskaming District is extensive and the population scattered. There are 92 schools with 123 classrooms for elementary and 2 for high school work. Each school is visited once in two years unless emergent conditions demand precedence over planned activities. An increased amount of time was spent in Tuberculosis work in the area. Health officers were assisted in the organization and conduct of toxoid and vaccination campaigns. Child Health Conferences were conducted regularly in one centre and in other centres as the weather and the demands of the programme permitted. The nurse, Miss H. Elizabeth Smith, is well known throughout the district and the local authorities and interested citizens continue to notify her promptly when problems arise.

A one-day regional conference was held in Kirkland Lake in October. Seventeen public health nurses from six centres attended. Discussion was keen and constructive.

That there is a continued interest in the possible extension of service to centres not already employing public health nurses is evidenced by the relatively large number of requests received for information in respect to the

establishment of such programmes. Some twenty-four meetings were addressed by Miss Moore and members of the supervisory staff. Many of these were called by agencies interested in fostering local public health nursing programmes. The Division continued to act as liaison officer between the public health nursing group and municipalities desirous of securing the services of qualified nurses.

ANNUAL REPORT OF THE EASTERN ONTARIO HEALTH UNIT

The annual report of the Unit this year might be considered as a review of progress made in terms of our original objectives.

Having in mind the significance of communicable disease control, in any scheme of community public health, I am presuming to record the diseases of this type as they have been reported either directly or indirectly to the Unit headquarters.

TABLE 1

CASES OF COMMUNICABLE DISEASE REPORTED

1936

Chickenpox	194	
Diphtheria	29	(2 deaths)
Gonorrhoea	4	
German Measles	479	
Measles	746	(1 death)
Mumps	5	
Paratyphoid Fever	1	
Poliomyelitis	1	
Scarlet Fever	81	
Septic Sore Throat	1	
Smallpox	2	
Syphilis	4	
Typhoid Fever	14	(1 death)
Whooping Cough	247	(1 death)

These figures indicate improvement in reporting contagious diseases rather than an actual increase in the number as compared with last year's figures, but if cases of communicable diseases were reported direct to the Unit, even better results might be obtained.

In the two cases of smallpox, the diagnosis was in doubt, and when reported to this office two weeks after the onset, they had completely recovered. In the case reported as septic sore throat, the diagnosis was not confirmed.

The physician attending the one case of anterior-poliomyelitis (which occurred in the Town of Hawkesbury), enforced rigid quarantine and precautions against the spread of the disease. Though it was a very mild case, the positive laboratory diagnosis (as a result of the examination of the spinal fluid), resulted in the early use of serum with excellent results.

There were 29 cases of diphtheria reported, 20 occurring in the Cornwall area in children of families recently arrived who had never received toxoid. The other 9 cases were scattered over 7 townships.

Table II shows the number of children in the area who received, during the year, toxoid protection against diphtheria and vaccination against small-

pox. Table III gives an estimate of the percentage of the child population (including both school and pre-school) who were protected against diphtheria and smallpox at the end of the years 1934, 1935 and 1936.

TABLE II

DIPHTHERIA TOXOID IMMUNIZATION AND SMALLPOX VACCINATION

NUMBER PROTECTED DURING 1936

COUNTY	Diph. Toxoid		Vaccination	
	School	Pre-school	School	Pre-school
Glengarry	.....	.....	6	.....
Stormont	142	.....	506	.....
Prescott	374	251	4	.....
Russell	666	149	701	220

Stormont figures do not include Town of Cornwall.

TABLE III

ESTIMATED PERCENTAGE OF CHILD POPULATION

(Including School and Pre-school)

PROTECTED AGAINST DIPHTHERIA AND SMALLPOX

COUNTY	Diphtheria			Smallpox		
	1934	1935	1936	1934	1935	1936
Glengarry	37	34	32	....	17	16
Stormont	13	19	20	....	25	33
Prescott	46	43	45	....	14	13
Russell	15	34	44	....	....	17

Stormont figures do not include Town of Cornwall.

Tuberculosis

To accomplish anything in the way of controlling this disease, which in January, 1935, had a higher death rate in the four counties served by the Unit than in any other four counties of the Province, it was necessary, first, to ascertain where the cases were, and secondly, to remove all open cases from contact with their families, which, in most cases, consisted of a large number of children. When efforts were made to get these cases into a sanatorium, we were faced with the refusal of both the individual sufferer and his family to allow him to go far away from home. The Royal Ottawa Sanatorium was the only one to which they would agree to be admitted, and, as this institution was primarily for the service of the City of Ottawa and Carleton County, it was obvious that it would take months to have patients from the Unit area admitted to the Royal Ottawa owing to the length of the waiting list.

It was, therefore, decided to enlist the efforts of all Medical Officers of Health in the district, the Medical Profession generally, and public organizations such as the Women's Institutes, the Catholic Women's Leagues, the Junior Farmers' Associations, etc., in an endeavour to convince the two County Councils of the area that the erection of a sanatorium was imperative. This effort resulted in the Council of the United Counties of Stormont, Dundas

and Glengarry going ahead with the erection of a 100 bed sanatorium near Cornwall, which is at present under construction, and should be completed in the Spting and ready to receive patients by the month of June, 1937. Substantial assistance in bringing about this most desirable advance was given by both the Department and the Government as a whole. A grant of one hundred thousand dollars was made by the Administration toward the cost of the sanatorium building.

We now feel that we know where practically every case of tuberculosis in the Unit area resides, and their contacts, if any, and, with the service rendered by the Division of Tuberculosis Prevention of the Provincial Health Department, we are having these examined by the Travelling Diagnostic Clinic allocated to Eastern Ontario. When the new St. Lawrence Sanatorium is ready to admit patients we should, in time, with the follow-up service carried on by the Pbulic Health Nurses attached to the Unit, be able to control the problem of tuberculosis in the area.

In co-operation with the Division of Tuberculosis Prevention, Clinics were held at Casselman, Plantagenet, Alexandria, Hawkesbury and Rockland, at which a total of 703 cases and contacts were examined.

A number of cases and suspects have also been examined at Ottawa by Dr. Powers.

The distribution of the cases and contacts in the following tables is by Field Nursing Stations. Table IV gives figures regarding the examination of contacts, while Table V shows the number of new contacts found in each district during the year. Table VI gives the known cases of tuberculosis, by districts, there now being 305 known cases, of which 83 are active cases living at home, with 46 receiving care in sanatoria. Table VII shows new cases found and deaths during 1936, along with other pertinent data.

TABLE IV

EXAMINATION OF TUBERCULOSIS CONTACTS

District	Total Known Contacts		Contacts Examined	
	25 years and under	26 years and over	25 years and under	26 years and over
Alexandria	148	70	93	31
Lancaster	122	66	65	19
Hawkesbury	252	111	183	62
Plantagenet	112	37	62	10
Casselman	77	19	26	2
Rockland	110	61	56	15
Cornwall	67	28	32	14
Finch	40	17	25	4
Total	928	409	542	157
Per cent. examined	...	.....	58.4%	38.3%

TABLE V

SUMMARY OF KNOWN CONTACTS OF TUBERCULOSIS CASES

Districts	Total Dec. 31, 1935		Re-examination not indicated		Left the District		New Contacts		Total Dec. 31, 1936	
	25 yrs. and under	26 yrs. and over	25 yrs. and under	26 yrs. and over	25 yrs. and under	26 yrs. and over	25 yrs. and under	26 yrs. and over	25 yrs. and under	26 yrs. and over
Alexandria	142	74	8	9	11	0	25	5	148	70
Lancaster	102	37	0	0	0	0	20	29	122	66
Hawkesbury	222	91	2	1	0	0	32	21	252	111
Plantagenet	56	18	8	3	2	0	66	22	112	37
Casselman	64	20	0	2	1	0	14	1	77	19
Rockland	44	12	1	4	0	0	67	53	110	61
Cornwall	55	24	1	3	0	0	13	7	67	28
Finch	27	9	3	4	0	0	16	12	40	17
Total	712	285	23	26	14	0	253	150	928	409

TABLE VI

KNOWN TUBERCULOSIS CASES—EASTERN ONTARIO HEALTH UNIT—

DECEMBER 31st, 1936

District	Grand Total	Stage of Disease						Activity				In Sanatoria
		Min.	Mod. Adv.	Adv.	Childhood	Other	Undetermined	Act	Quiesc.	Arr.	Undetermined	
Alexandria	69	26	15	8	3	1	6	14	16	24	5	10
Lancaster	40	11	5	6	....	4	5	5	5	16	5	9
Hawkesbury	79	28	20	9	1	6	7	22	23	16	10	8
Plantagenet	40	22	8	3	....	1	1	16	7	11	1	5
Casselman	16	7	4	....	2	....	....	6	2	5	....	3
Rockland	32	12	6	4	1	3	2	12	6	6	4	4
Cornwall	20	3	5	3	....	....	2	6	5	....	2	7
Finch	9	4	....	1	4	....	....	2	1	5	1	....
Total, December, 1936	305	113	63	34	11	15	23	83	65	83	28	46
Total, December, 1935	250	84	61	31	13	5	18	68	43	80	21	38

TABLE VII

SUMMARY OF TUBERCULOSIS CASES

	Alexandria	Lancaster	Hawkesbury	Plantagenet	Casselman	Rockland	Cornwall	Finch	Total
Cases on Jan. 1st, 1936	59	37	61	34	15	16	19	9	250
New cases found during year	23	10	34	18	6	20	4	5	120
Total carried during year	82	47	95	52	21	36	23	14	370
Deaths	6	5	9	10	5	2	2	4	43
Diagnosis reversed	1	....	6	1	....	2	....	....	10
Removed from district	6	2	1	1	....	....	1	1	12
Total Cases, January, 1937	69	40	79	40	16	32	20	9	305

Figures for Cornwall do not include the Town of Cornwall.

Typhoid Fever

There have been fourteen cases of Typhoid Fever in the Unit area during the past year of which nine occurred in two small outbreaks, one in Cornwall Township on the outskirts of Cornwall as the result of the use of a contaminated well, and the other in the vicinity of Casselman in Cambridge Township, Russell County, the source of which we were unable to determine as there was no apparent connection between any of the cases. Some of the sources of water were doubtful but others were good. There was no history of contact with previous known cases or suspect carriers.

Venereal Diseases

The reporting of cases of Syphilis and Gonorrhoea is not all that might be hoped for; there is also urgent need of greater facilities for the treatment of these conditions. The only Clinic available is at Ottawa and cases from Russell County and some from along the Ottawa River in Prescott County go there, but it is difficult to get them to continue treatment for any length of time. If Clinics were established at Hawkesbury and Cornwall, much more could be accomplished in controlling this problem. The action of the Department in assuming part of the cost of treatment for those affected with these diseases throughout the Province generally, should materially increase the number receiving adequate medical care.

CHILD HYGIENE

Infant and Pre-school Hygiene

The reduction of the very high infant mortality rate of the Unit area was the second urgent problem requiring attention at the time the Unit was organized. From the following table and the graph attached, it will be seen that some progress has been made as the result of the Child Health Conferences held each month and follow-up visits made by the nurses to the Mothers, not only of babies attending these Conferences, but to others who for one

reason or another have found it impossible to avail themselves of the Clinic service. From the graph, will be noted the increased rate of reduction in the Infant Mortality in Glengarry County, which has the best showing of any of the Counties in this respect, and in which there have been three monthly Child Health Conferences operated during the past year and a half, as compared with two in Russell and one in Prescott County, operating since March, 1936. The only death occurring among Clinic attendants was accidental (drowning.)

TABLE VIII

INFANT MORTALITY RATES—EASTERN ONTARIO HEALTH UNIT

Year	Glengarry	Stormont	Prescott	Russell	All Unit
1925	97	101	112	102	104
1930	78	89	99	95	91
1931	109	104	81	110	99
1932	94	80	97	110	93
1933	85	62	110	119	90
1934	73	100	119	107	103
1935	43	72	108	88	81
1936	36	69	84	84	71

These rates are per 1,000 living births.

It was necessary to estimate the figures for the last three months of 1936 and, in this estimation, figures for the last three months of 1935 were used.

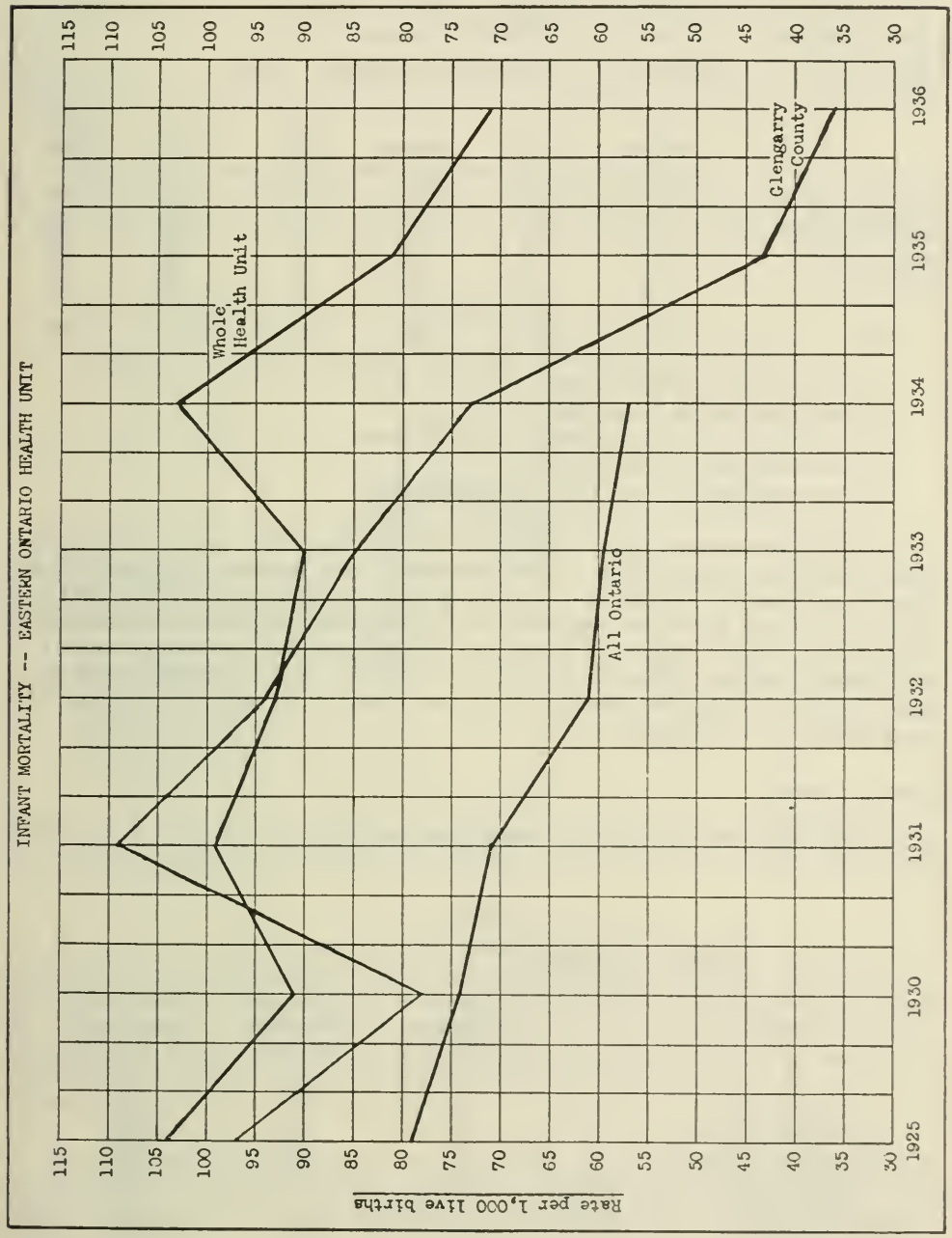

INFANT MORTALITY -- EASTERN ONTARIO HEALTH UNIT
Rate per 1,000 live births
115
110
105
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
1925
1930
1931
1932
1933
1934
1935
1936
Whole Health Unit
All Ontario
Glengarry County

Table IX gives details of Child Health Conferences.

TABLE IX

ANALYSIS OF CASES ATTENDING CHILD HEALTH CONFERENCES DURING 1936

AGES OF CHILDREN ON FIRST VISIT

	0–3 Months	4–6 Months	7–12 Months	Pre-school	Individuals	Total Visits
Alexandria	20	14	11	30	75	164
Casselman (1)	8	4	4	....	16	38
Hawkesbury (2)	21	5	4	....	30	88
Lancaster (3)	3	10	10	21	44	77
Rockland (4)	23	7	11	3	44	89
Williamstown (5)	5	6	4	15	30	51
Total	80	46	44	69	239	507

(1) First clinic held in July, 1936.
(2) First clinic held in June, 1936.
(3) First clinic held in June, 1936, none in December.
(4) First clinic held in March, 1936.
(5) First clinic held in May, 1936, none in December.

Three Conferences were organized during the year, one at Lancaster, Casselman and Hawkesbury. The reasons for no further extension of the service are that the Town of Cornwall is not included in the Unit and the physicians of the Town are opposed to the establishment of such Conferences at present. Similar efforts in Finch and Alfred were met by the statement of the Medical Officer of Health that there were not enough babies in the area, whose parents could not afford to pay for medical services, to warrant the organization of a conference.

School Hygiene

Table X shows the school inspections made by the nurses of the Unit during the year.

TABLE X

SCHOOL INSPECTIONS MADE DURING 1936

District	Number of Classrooms Visited	Thorough Classroom Inspections	Number Receiving S. P. I.*
Alexandria (69)	67	953	432
Lancaster (55)	55	985	854
Hawkesbury (126)	86	718	1668
Plantagenet (70)	43	370	744
Casselman (51)	19	193	482
Rockland (86)	29	30	735
Cornwall (57)	50	998	353
Finch (47)	13	293	99
Total (561)	362	4540	5367

*S.P.I.—Special Physical Inspection.

Number of classrooms in the district given in brackets.

This phase of the nurses' work is the one which consumes most time and effort, necessitating a great deal of travel, and, considered from the number of defects corrected, it is doubtful if the time expended is warranted. If some scheme of contributory Oculist, Nose and Throat, and Dental service could be devised, which would offer children treatment at minimum cost, better results would be obtained, as the people of the rural areas find it difficult to pay, what to them seem large sums for correction of eye, tonsil and teeth defects.

Table XI shows defects found among school children and corrections made, in two Townships in Glengarry County. This shows, as is to be expected, a higher percentage of defects corrected in towns than in strictly rural areas.

TABLE XI

NUMBER OF DEFECTS AMONG SCHOOL CHILDREN FOUND AND CORRECTED

	Townships of Kenyon and Lochiel		Town of Alexandria	
	Found	Corrected	Found	Corrected
Vision defect	86	17	44	18
Hearing defect	42	9	18	8
Eye defect	5	3	7	5
Defective breathing	65	11	18	10
Abnormal tonsils	286	16	131	19
Dental defect	496	84	193	30
Speech defect	13	....	8	....
Enlarged glands	51	....	2	....
Orthopaedic defect	4	2	8	6
Postural defect	5	....	1	....
Mentality	8	....	5	....

The A. P. R. Cards, on which physical inspections in the school are recorded, are the property of the school and are filed in the classroom.

In respect to school sanitation we are frankly handicapped, first because of the fact that replacement of the existing buildings, many of which are inadequate, s impossible owing to lack of funds, and even changes which might be made to advantage are only accepted if the minimum of expenditure is involved. It is hoped that it may be possible for the Provincial Department of Education to exert further pressure on the school boards to ensure more satisfactory environmental conditions.

In addition to the inspections of Public and Separate School children carried out by the local Medical Officers of Health and Nurses of the Unit, a physical examination, accompanied by tuberculin intracutaneous tests and X-ray examination of reactors to the test, was made of high school pupils at Finch, Avonmore, St. Andrews and Wales in Stormont County. These examinations were made in co-operation with the Division of Tuberculosis Prevention and at the request of the various school boards concerned, who undertook to provide the cost of the X-ray examinations. The results of these examinations appear in the following table.

REPORT ON INSPECTIONS OF HIGH SCHOOL PUPILS

Finch, Avonmore, St. Andrews and Wales

Total number of pupils examined	281
Total number of reactors to tuberculin test	98
Total number of pupils with defects	160

made up as follows:

Defective vision	41
Defective nasal breathing	17
Abnormal tonsils	64
Cardiac defect	4
Dental defect	15
Postural defect	8
Renal defect	1
Speech defect	1
Enlarged cervical glands	90
Enlarged thyroid glands	34
Bronchial asthma	1
Nervous disorders	1
Undernourished	14
Anaemic appearance	8
Skin disease	3
Pulmonary tuberculosis—suspects	3

Nursing Service

At the beginning of the year, the public health nursing staff was composed of a supervisor of nursing and eight staff nurses.

In August, Miss Bertha E. Johnson, staff nurse in the District of Finch (Townships of Finch and Roxborough, Stormont County), was tranferred to relieve on the supervisory staff of Head Office. Arrangements were made to secure an additional French-speaking nurse for the Unit, and Miss Ola Dancause reported for duty, September eighth. Miss Ora Lefler was out of the district for several months on leave of absence.

In September, the supervisor of nursing and a staff nurse, for a period of a week, assisted with the yearly physical examination of Normal School students in Ottawa; also a staff nurse was loaned to the Hospitals Division of the Provincial Department of Health for one week.

At the International Ploughing Match, held in Cornwall from October 6th to 9th, an exhibit covering sanitation of milk and rural water supplies was shown, and a nurse was present during the four-day period. Literature on Tuberculosis, communicable disease, immunization and general health was distributed to a large number of people who showed a very definite interest in this material. A First-Aid tray was available and several cases of minor injuries were treated.

In November, the supervisor of nursing also assisted with the organization of a Chest Clinic, conducted by the Division of Tuberculosis Prevention, at Brockville.

During the year, 7,440 visits were made to and in behalf of patients. These figures compare favourably with those of last year when reckoned on the basis of a staff of seven nurses instead of eight. Visits to individual cases were made with more frequency and regularity and an effort was made, with some degree of success, to improve the quality of visits.

Little progress has been made toward increasing the medical and nursing supervision of antepartum and postpartum cases. There are a number of reasons for this. Perhaps one of the foremost is the rather conservative attitude of the physicians toward this type of preventive service.

The nurses are serious in their efforts to encourage the teachers to follow some planned programme for teaching correct health habits, but no definite scheme has been worked out. Many of the teachers, although realizing the need for more effective health teaching, find it difficult to accomplish much unless some well defined programme is outlined for them, owing to the fact that the school attendance is so large and the curriculum so full.

A very small proportion of the nurses' time is spend on bedside nursing, only demonstrations of bedside care and emergency work at the doctor's request being attempted. In such instances, the opportunity to teach proper care of the sick and prevention of the spread of disease is utilized as much as possible.

The nursing staff has assisted with the examination of: 703 patients in chest clinics held in the Unit area by the Division of Tuberculosis Prevention; 29 orthopaedic cases in a clinic sponsored by the Ontario Society for Crippled Children and the Alexandria Catholic Women's League; and 8 cases at the Mental Health Clinic conducted by a clinician from the Ontario Hospital, Brockville. They also assisted with 1,582 toxoid immunizations and 1,437 vaccinations against Smallpox done by the local Medical Officers of Health.

Much of the responsibility for the organization and management of monthly conferences in six centres at which 239 infants and pre-school children were examined was assumed by the nursing staff. Some inconvenience has resulted from the fact that part of the equipment used at the conferences has to be transported from one conference meeting place to another.

Five classes in Home Hygiene and Care of the Sick were conducted in three communities with an average attendance of 18. These classes were in session for two hours a week for an average of eight weeks. Classes were commenced in three other centres.

Two new Advisory Health Committees were organized in connection with the Women's Institutes. These were in small communities where it was not feasible to organize a separate group. With her already full schedule, it does not seem practicable for one nurse to try to undertake more than one such committee. An endeavour was made to have representatives from outlying centres act on the Alexandria Committee but due to the difficulties of transportation, this was abandoned in favour of working through local organizations for the time being.

Table XIII is a summary of the activities of the nursing staff during the year, exclusive of school inspections. (Table X.)

TABLE XIII

SUMMARY OF NURSING ACTIVITIES FOR THE YEAR 1936

Activity	Home Visits
Health Supervision	4,545
Maternity	508
Tuberculosis	910
In behalf of Cases	825
Morbidity (Illness)	363
Bedside Care	217
	7,440

There were 1,471 additional visits made for furthering special activities, thus making in all 8,911 visits.

Other Activities

Nurses assisted at clinics where 1,582 children received toxoid and 1,437 children were vaccinated against Smallpox.

72 meetings were attended.

9 school fairs were attended.

48 sessions in Home Hygiene and Care of the Sick were conducted.

Sanitary Engineering

During 1936, the work in this division was carried on along the same lines as in the previous year. No attempt was made to inaugurate any special campaigns in the field of sanitation. Certain routine work, chiefly with respect to municipal water supplies and local dairies was carried out and attention given to requests for advice or assistance received from local public bodies or private citizens.

Sixteen routine inspections of the chlorination equipment installed to protect the water supplies of Alexandria, Cornwall Township, Hawkesbury and Rockland were made. Eleven additional visits were made in connection with the failure of the equipment at Rockland and with the automatic operation of the plant at Alexandria. Eight visits of inspection were made to the municipal plants located at Alfred, Plantagenet, Clarence Creek, Bourget and Hammond. There were no cases of Typhoid or Paratyphoid Fever in the area attributed to the use of water from any of municipally owned distribution systems.

The system of collection of milk samples in the various centres of poulation in the area, which was inaugurated in 1935, was continued. Three hundred and one milk samples secured from 124 distributors in 20 towns and villages were examined. Five series of samples were secured from 13 centres and 4 from the remainder. As the result of the activity of Dr. F. Ladouceur, local Medical Officer of Health, a local milk by-law was passed in the Village of Casselman. In July, regulations were enacted by the Milk Control Board concerning the equipment and operation of dairies throughout the Province. As yet, the only work done in the Unit under these regulations has been in the suburban area adjoining the Town of Cornwall By the end of 1937, practically all of the milk distributors in the Unit should be operating under either a provincial license or permit.

The regular inspection of highway service stations, refreshment booths and motor tourist camps was discontinued, this work having been transferred to the local Medical Officers of Health. Routine inspections were made of seven Agricultural Society Fair Grounds located in the area.

During the early part of October, the annual meet of the International Ploughmen's Association was held in Cornwall Township. Previous to the meeting, samples of well water were secured from all of the farms on which competitions took place and the quality of the water reported to the owners. During the meet, which lasted four days, an exhibit featuring matters of interest in the field of rural sanitation was maintained on the grounds. This exhibit appeared to be well received and a considerable quantity of literature was distributed. A report, covering observations made concerning the sanitary arrangements and recommendations with regard to future gatherings of this kind, was made to the Executive of the Association.

Following the receipt of requests for advice and various complaints, a number of special inspections and investigations were made. Requests from 26 schools came from: Medical Officers of Health, 13; School Boards, 2; Public Health Nurses, 6; School Inspectors, 4; Teachers, 1. Twenty-one other problems were investigated, 11 being requested by Medical Officers of Health and 10 by private citizens. Three complaints received from Head Office in Toronto were investigated. In addition, nine other investigations of a routine nature were made.

It is interesting to note the extent to which local Medical Officers of Health have availed themselves of the services offered by the sanitary engineer. There are 28 municipalities in the Unit area, served by 25 doctors. Only 10 of these men referred specific problems to the engineer for investigation. However, the work of the engineer was fairly well distributed over the whole area. Supervision of the municipal water supplies involved work in 7 municipalities. Milk samples were collected from centres located in 15 and fair grounds were inspected in 7 municipalities. Inspections and reports concerning school sanitation were made in 9 municipalities. Special investigations resulting from requests from all sources involved work in 11 municipalities. Summarizing all activities, some work was done in 26 of the 28 muni cipalities comprising the Unit area. All Medical Officers of Health except two were personally visited at least once during the year.

Despite the lack of anything in the nature of a publicity campaign, there has been a marked increase in requests for the services of the engineer from private individuals. A considerable portion of this increase may be attributed to contacts made with other government officials working in the area, school inspectors, cheese instructors, and agricultural representatives.

DIVISION OF TUBERCULOSIS PREVENTION

G. C. Brink, M.B., Director

During the past year the activities of the Division have been extended. The professional and technical staff has been increased.

It would appear that tuberculosis is gradually being brought under greater control but a great deal of energy and money must yet be expended before the desired goal is reached. The death rate from tuberculosis reached an all time low for the Province, of 36.2 per 100,000 population in 1935, the last year for which vital statistics are available.

Table I shows the deaths and rates over a period of fifty years.

TABLE I

Year	Deaths	Rate per 100,000 Population
1885	2499	125.0
1895	2472	115.4
1905	2667	114.9
1915	2466	91.9
1925	1842	59.3
1930	1791	52.8
1931	1728	50.4
1932	1604	46.1
1933	1465	41.5
1934	1337	37.5
1935	1303	36.2

This decline in the death rate is mainly due to—

(1) A greater percentage of tuberculosis patients under treatment and segregation in sanatoria.

(2) Better diagnostic and treatment facilities.

(3) A greater appreciation on the part of the public that tuberculosis is a communicable disease, that it can be prevented and that early treatment will effect a permanent cure in a greater number of cases.

Although no definite data is available for comparision, indications are that the morbidity of and the number of persons infected with tuberculosis is decreasing. Some of the indications are—

(1) The average age of patients being treated in sanatoria is gradually rising.

(2) Fewer persons up to the age of twenty-five show infection with the tubercle bacillus as indicated by the tuberculin reaction. In analysing the results of tuberculin testing 3,014 Normal and College of Education students in the past two years it was found that 916 or 30.3% were found to give a positive reaction. Twenty years ago it was considered that at least sixty per cent. of the population on reaching adolescence was tuberculin positive, that is, infected with tubercle bacilli.

The various activities of the Division in the past year will be dealt with separately.

THE TRAVELLING DIAGNOSTIC CLINICS

During the year the Travelling Clinics operated with centres in Toronto, Ottawa, and Belleville. In May, a Clinic was established with Headquarters in North Bay, Dr. E. R. Harris, being transferred from the Toronto Office to take charge. The Division was fortunate in securing the services of Dr. G. W. Cragg of St. Michael's Hospital Chest Clinic, Toronto, who joined the staff in March, 1936.

The number of persons examined and the number of centres visited annually has steadily increased since the inception of the Clinics. Table II shows the analysis of the work of each from 1930 to 1936 inclusive.

TABLE II

Year	Number of Clinics Held	No. of Centres Visited	No. of Persons Examined	No. of Tuberculous Suspects	No. of Pathological conditions other than Tuberculosis	No. of Tuberculous cases Examined	No. of Active Cases	No. of Quiescent or Arrested Cases	Percentage of all cases examined Showing Tuberculosis
1930	22	22	1204	135	103	260	154	106	21.6
1931	21	21	1406	171	82	342	181	143	23.6
1932	28	28	2331	223	143	438	233	205	18.7
1933	26	26	2740	122	118	456	186	270	16.6
1934	38	38	3398	80	199	667	231	436	15.4
1935	31	31	4781	61	248	702	225	477	14.7
1936	113	97	8856	126	574	1367	478	889	15.4

The following tables give a summary of each Clinic's work—

TABLE III

CENTRAL CLINIC, TORONTO

Town	Month	No. Exam.	T.Bc. not a Factor	Suspicious	Other Conditions	Tuberculosis				Active	Quiesc. or Arrested	% T.Bc.	Rec. for San.	New T.Bc. Found
						Childhood	Min.	Mod. Adv.	Adv.					
Sudbury	Jan.	301	230	1	15	5	26	17	7	16	39	18.2	16	11
Sault Ste. Marie	Feb.	128	94	0	10	1	13	5	5	9	15	18.7	7	4
Port Hope	Feb.	49	41	0	3	0	3	1	1	2	3	10.2	3	3
Cobourg	Feb.	88	75	0	2	1	5	3	2	5	6	12.5	5	2
Midland	Feb.	46	37	1	3	0	2	2	1	1	4	10.9	1	1
Penetanguishene	Feb.	64	54	0	5	0	3	2	0	2	3	9.3	1	2
Lindsay	Mar.	114	86	2	9	2	5	5	5	10	7	14.9	6	9
Newmarket	Mar.	57	40	1	4	2	5	2	3	6	6	21.0	5	2
St. Thomas	Apr.	95	70	1	9	2	4	6	3	7	8	15.7	8	7
Ridgetown	Apr.	80	63	1	8	1	1	2	4	6	2	10.0	5	3
Leamington	May	113	79	1	15	5	5	3	5	6	12	15.9	6	12
Orangeville	May	18	13	1	4	0	0	0	0	0	0	0	1	0
Chapleau	June	41	32	0	2	1	3	1	2	6	1	17.0	6	6
Schreiber	June	39	32	1	2	0	3	1	0	1	3	10.3	1	0
Dryden	June	42	28	0	7	0	4	2	1	2	5	16.6	2	2
Kenora	June	94	69	1	8	0	6	5	5	6	10	17.0	6	3
Sioux Lookout	June	73	55	4	2	4	3	4	1	2	10	16.4	1	5
Rainy River	June	49	40	0	2	1	2	3	1	2	5	14.3	2	0
Fort Frances	June	75	64	0	2	0	2	5	2	4	5	12.0	5	1
Emo	June	47	41	0	0	0	1	4	1	0	6	12.8	1	1
Owen Sound	July	163	121	5	2	3	16	9	7	14	21	20.2	15	9
Chesley	July	68	46	1	7	3	4	5	2	6	8	20.6	7	10
Walkerton	July	57	41	3	5	1	3	1	3	2	6	14.0	3	2
Parry Sound	Aug.	46	30	3	2	1	6	2	2	6	5	23.9	6	6
Mount Forest	Aug.	37	31	0	1	0	2	1	2	2	3	13.5	2	1
Arthur	Aug.	51	42	1	2	1	3	2	0	3	3	11.7	3	2
Drayton	Sept.	48	46	0	1	0	0	1	0	1	0	2.0	1	0
Fergus	Sept.	71	61	1	2	1	3	1	2	2	5	9.8	1	0
Palmerston	Sept.	51	31	1	11	0	4	2	2	2	6	15.7	2	1
Listowel	Oct.	62	49	2	5	3	0	3	0	3	3	9.7	1	4
Wiarton	Oct.	21	19	0	0	0	1	1	0	2	0	9.5	2	2
Southampton	Oct.	32	28	0	0	0	2	2	0	0	4	12.5	0	2
Tillsonburg	Oct.	94	81	3	2	1	3	2	2	2	6	8.5	2	4
Wingham	Oct.	50	44	1	3	0	0	1	1	1	1	4.0	1	0
Lucknow	Oct.	40	33	0	1	0	3	2	1	1	5	15.0	2	4
Kincardine	Oct.	40	26	2	3	1	5	2	1	0	9	22.5	0	2
Oshawa	Nov.	203	151	2	15	3	13	11	8	9	26	17.2	11	7
Brockville	Nov.	123	83	5	6	9	8	9	3	8	21	23.6	8	12
Hanover	Dec.	106	75	3	13	0	4	7	4	7	8	14.1	7	3
Durham	Dec.	33	27	0	1	1	1	3	0	0	5	15.1	0	0
Shelburne	Dec.	33	24	1	3	0	3	2	0	0	5	15.1	0	1
Orangeville	Dec.	12	9	0	1	0	0	2	0	1	1	16.6	1	1
Totals		3,054	2,341	49	198	53	180	144	89	165	301	15.2	163	147
						466				466				

TABLE IIIA

EASTERN CLINIC, OTTAWA

Town	Month	No. Exam.	T.Bc. not a Factor	Suspicious	Other Conditions	Tuberculosis				Active	Quiesc. or Arrested	% T.Bc.	Rec. for San.	New T.Bc. Found
						Childhood	Min.	Mod. Adv.	Adv.					
Smith's Falls....	Jan.	95	78	1	3	1	5	2	5	5	8	13.68	4	2
Carleton Place..	Jan.	64	45	2	8	0	6	1	2	2	7	14.06	3	1
Perth.....	Feb.	66	51	2	2	0	6	3	2	6	5	16.6	6	2
Almonte.....	Feb.	37	29	1	4	0	2	0	1	1	2	8.10	1	1
Finch.....	Feb.	48	0	3	0	0	1	0	0	0	1	1.92	0	0
Avonmore.....	Feb.	27	26	1	0	0	0	0	0	0	0	0.0	0	0
Morrisburg.....	Mar.	38	31	0	1	1	3	0	2	1	5	15.78	1	0
Kemptville.....	Mar.	58	43	1	2	1	11	0	0	1	11	20.68	1	3
Winchester.....	Apr.	62	51	0	3	2	2	3	1	2	6	12.90	1	0
Prescott.....	Apr.	83	60	1	5	1	8	4	4	5	12	20.48	5	1
Casselman.....	May	39	25	1	3	0	5	4	1	8	2	25.64	5	0
Chesterville.....	May	65	55	1	2	0	3	2	2	3	4	10.76	3	0
Arnprior.....	June	72	55	0	4	2	9	2	0	2	11	18.05	0	2
Plantagenet.....	June	75	53	3	3	0	9	5	2	9	7	21.33	8	4
St. Andrew E.....	June	19	17	2	0	0	0	0	0	0	0	0.0	0	0
Alfred Industrial School...	June	71	69	1	1	0	0	0	0	0	0	0.0	0	0
Alexandria.....	June	222	146	9	6	3	30	14	14	22	39	27.47	22	14
Hawkesbury.....	Aug.	231	182	3	8	2	20	8	8	12	26	16.45	9	7
Rockland.....	Aug.	131	105	2	5	1	11	1	6	10	9	14.50	8	5
Pembroke.....	Oct.	137	107	0	0	0	17	6	7	7	23	21.89	5	4
Wales.....	Oct.	10	10	0	0	0	0	0	0	0	0	0.0	0	0
Renfrew.....	Nov.	76	57	0	2	0	12	3	2	4	13	22.36	0	6
Smith's Falls.....	Nov.	124	97	2	1	1	12	8	3	6	18	19.35	3	4
Carleton Place..	Dec.	69	51	1	9	1	5	2	0	3	5	11.59	2	2
Perth.....	Dec.	97	85	0	0	1	7	2	2	3	9	12.37	3	2
Ottawa Clinic....	Dec.	70	32	5	6	0	14	6	7	10	17	38.57	6	5
Totals.....	.....	2,090	1,608	39	81	17	198	76	71	122	240	17.38	96	65
							362			362				

TABLE IIIB

MID-EASTERN CLINIC, BELLEVILLE

Town	Month	No. Exam.	T.Bc. not a Factor	Suspicious	Other Conditions	Tuberculosis				Active	Quiesc. or Arrested	% T.Bc.	Rec. for San.	New T.Bc. Found
						Childhood	Min.	Mod. Adv.	Adv.					
	Jan.													
Belleville	Feb.	295	206	0	32	4	24	22	7	12	45	19.3	12	26
Marmora	Mar.	78	67	1	3	0	3	2	2	3	4	9.0	3	2
Belleville	Mar.	319	299	3	3	0	11	3	0	6	8	4.4	4	5
Stirling	Apr.	41	31	2	3	0	3	2	0	2	3	12.2	2	2
Madoc	Apr.	76	63	1	6	0	5	1	0	3	3	7.9	3	4
Belleville	Apr.	46	23	4	8	0	4	3	4	6	5	24.0	5	7
Picton	May	101	81	2	7	2	4	4	1	3	8	10.9	1	3
Belleville	May	55	36	0	9	0	3	3	3	6	3	16.4	6	7
Wellington	June	65	54	3	3	0	2	2	1	2	3	7.7	1	2
Campbellford	June	62	47	1	6	0	1	3	4	4	4	12.9	4	7
Belleville	June	81	58	1	4	2	6	8	2	8	10	22.2	7	11
Tweed	July	53	35	3	10	1	2	1	1	2	3	9.4	2	2
Belleville	July	36	28	0	5	1	1	0	1	2	1	8.3	2	1
Bancroft and Coehill	Aug.	88	73	1	7	0	3	1	3	2	5	8.0	2	2
Deseronto	Aug.	41	27	1	6	2	0	3	2	4	3	17.1	2	5
Belleville	Aug.	56	40	1	6	1	3	3	2	4	5	16.1	5	4
Napanee	Aug.	51	37	1	1	3	3	4	2	10	2	23.5	7	8
Gananoque	Sept.	13	11	0	0	0	0	1	1	2	0	15.4	2	2
Colborne	Sept.	23	15	2	1	1	1	1	2	2	3	21.7	3	2
Belleville	Sept.	48	29	0	7	0	4	6	2	4	8	25.	2	3
Hastings	Oct.	52	35	2	3	2	3	5	1	1	10	21.2	1	7
Belleville	Oct.	49	29	2	3	1	5	6	3	5	10	30.6	5	5
Brighton	Oct.	43	39	1	2	0	1	0	0	0	1	2.3	0	0
Trenton	Oct.	32	20	0	6	2	1	3	0	1	3	18.8	3	3
Belleville	Nov.	42	24	1	5	0	6	5	1	5	9	28.6	3	4
Madoc	Nov.	38	28	0	4	0	3	3	0	2	4	15.8	2	1
Stirling	Nov.	31	26	0	1	1	0	3	0	1	3	12.9	1	1
Marmora	Nov.	54	43	1	3	0	3	2	2	2	5	13.0	0	3
Belleville	Dec.	80	69	0	3	2	4	1	1	3	5	10.0	3	3
Totals		2,049	1,573	34	157	25	109	101	48	107	176	13.3	93	132
							283			283				

In addition to the clinic work 90 pneumothorax treatments were given at the Belleville centre.

TABLE IIIC

NORTHERN CLINIC, NORTH BAY

Town	Month	No. Exam.	T.Bc. not a Factor	Suspicious	Other Conditions	Tuberculosis				Active	Quiesc. or Arrested	% T.Bc.	Rec. for San.	New T.Bc. Found
						Childhood	Min.	Mod. Adv.	Adv.					
North Bay	.....	304	220	1	41	2	19	10	11	19	23	13.8	13	8
Cochrane	July	186	160	0	6	4	8	5	3	7	13	10.8	4	8
Kapuskasing	July	61	42	0	5	2	6	2	4	2	12	23.0	1	2
Hearst	July	121	101	0	7	4	6	1	2	3	10	10.7	2	8
Matheson	July	15	11	0	3	0	0	1	0	0	1	6.7	0	1
Mattawa	Aug.	32	26	1	1	1	1	0	2	3	1	12.5	1	2
Burk's Falls	Aug.	58	49	0	4	0	1	1	1	1	2	5.2	1	1
Englehart	Aug.	36	27	0	6	0	0	3	0	1	2	8.3	1	1
Iroquois Falls	Aug.	49	41	0	0	1	4	0	3	3	5	16.3	2	2
Sturgeon Falls	Sept.	73	61	0	6	0	3	2	1	1	5	8.2	3	2
Richard's Land.	Sept.	36	29	0	2	0	3	1	1	1	4	13.9	1	3
Desbarats	Oct.	39	31	1	1	1	4	0	1	3	3	15.5	0	2
Bruce Mines	Oct.	20	10	0	3	0	2	0	5	4	3	35.0	3	3
Massey	Oct.	8	6	0	1	1	0	0	0	0	1	12.5	0	0
Thessalon	Oct.	58	39	0	5	0	9	2	3	4	10	24.1	4	7
Blind River	Oct.	55	44	0	2	0	6	3	0	4	5	16.4	3	6
Sault Ste. Marie	Nov.	159	107	2	16	1	16	10	7	10	24	21.4	5	6
Mattawa	Nov.	41	23	0	4	1	5	2	6	9	5	34.1	4	5
Sudbury	Dec.	312	235	0	25	4	26	16	6	9	43	16.7	6	10
Totals	.....	1,663	1,262	4	138	22	119	59	56	84	172	15.4	54	77
							256			256				

Altogether 113 Clinics were held, forty centres were visited for the first time, thus affording a better service for local physicians. 8,856 examinations were made, 1,367 or 15.4% of those examined being tuberculous. Of these 478 or 34.9% of the total were considered active. 421 or 30.8% of the tuberculous cases examined had not been diagnosed prior to attending the Clinics. 406 or 29.7% were recommended for admission to sanatorium.

Of the 406 cases of tuberculous disease recommended for sanatorium treatment, 163 were examined by the Central Clinic, 96 by the Ottawa Clinic, 93 by the Belleville Clinic, and 54 by the North Bay Clinic. They were classified as follows.

TABLE IV

Childhood		Minimal		Mod. Adv.		Advanced		Miliary Tuberculosis	Suspects	Silicosis & Tuberculosis	Pleurisy with Effusion	Tuberculous Cervical Adenitis	Tuberculous Empyema
Act	Inact	Act	Inact	Act	Inact	Act	Inact						
11	0	90	8	99	6	167	9	1	6	4	2	1	2

Of the 421 cases who were not previously diagnosed as tuberculous, 147 were examined by the Central Clinic, 65 by the Ottawa Clinic, 132 by the Belleville Clinic and 77 by the North Bay Clinic. The following is their classification.

TABLE V.

Childhood		Minimal		Mod. Adv.		Advanced	
Active	Inactive	Active	Inactive	Active	Inactive	Active	Inactive
19	32	92	106	58	33	77	4

The 198 minimal cases represent 47.0% of the total. However, of the 370 cases of tuberculous disease of the adult type, the 198 minimal cases represent 53.5% of those diagnosed.

TABLE VI.

Reasons Why Newly Discovered Cases were Referred to Clinics

All Centres

(Schools and Old Peoples Homes not included)

		Childhood		Minimal		Mod. Adv.		Advanced	
Contact	Totals	Act.	Inact.	Act.	Inact.	Act.	Inact.	Act.	Inact.
Positive	259	Contact 15 Suspect 2	Contact 31	Contact 42 Suspect 25	Contact 39 Suspect 24	Contact 14 Suspect 15	Contact 7 Suspect 8	Contact 6 Suspect 30	Contact 1
Negative	148	Suspect 1	Suspect 1	Suspect 28	Suspect 33	Suspect 29	Suspect 16	Suspect 39	Suspect 1

Of the 407 cases recorded, 155 or 38.0% were referred to the Clinic on account of contact alone and did not have symptoms suggestive of tuberculosis.

Of the 191 diagnosed as minimal, 81 or 42.4% were referred solely because of contact. 259 of the cases, 63.6% of the total were in the contact group. 130 or 50.0% of these were classified as minimal.

The above table demonstrates the value of the examination of contacts.

TABLE VII.

Tuberculosis Disease in Relation to Contact, Age and Sex

All Centres

Age Group	Contact	Sex	Disease	Totals		
0 to 4	+	M	15	23	23	
		F	8			
	—	M	0	0		
		F	0			
5 to 9	+	M	26	63	65	
		F	37			
	—	M	1	2		
		F	1			
10 to 14	+	M	19	46	63	
		F	27			
	—	M	5	17		
		F	12			
15 to 19	+	M	36	87	128	
		F	51			
	—	M	17	41		
		F	24			
20 to 24	+	M	39	132	203	Total, 1367
		F	93			
	—	M	24	71		With history of Contact—784 or 16.4% of contacts examined.
		F	47			
25 to 29	+	M	23	95	185	With no history of Contact—583 or 14.1% of non-contacts examined.
		F	72			
	—	M	36	90		
		F	54			
30 to 34	+	M	22	76	162	
		F	54			
	—	M	45	86		
		F	41			
35 to 39	+	M	22	64	128	
		F	42			
	—	M	32	64		
		F	32			
40 to 44	+	M	19	40	92	
		F	21			
	—	M	34	52		
		F	18			
45 and up	+	M	64	158	318	
		F	94			
	—	M	100	160		
		F	60			

Only 2 cases of tuberculous disease were present in the age group 0 to 10 without a definite history of contact as against 86 with history of contact.

EXAMINATION OF STUDENTS IN NORMAL SCHOOLS AND COLLEGE OF EDUCATION

At the opening of the Fall term, the staff co-operated with the Department of Education in tuberculin testing and X-raying 1,140 students entering the Normal Schools, as well as 297 students entering the College of Education. The findings are given in the following table.

TABLE VIII.

	Number Tested	Positive Reactors	Per Cent. Positive Reactors	Number showing Disease
Normal School	1,140	330	29.0	8 with Min. Disease 2 with Mod. Adv. Disease
College of Education	297	139	46.8	1 with Minimal Disease

The Division has, with the co-operation of the Department of Public Welfare, conducted surveys of the students in the Industrial Schools of the Province.

The staff of the Belleville Centre made surveys of the students in the Belleville Collegiate and in the Hastings Old People's Home. Four cases of tuberculous disease were found in the former and eleven in the latter.

INSPECTION OF SANATORIA

A survey of patients in sanatoria was made during the Spring with the object of having many cases which had obtained maximum benefit from their stay in sanatorium either discharged to their home or placed in suitable boarding houses or other institutions.

TUBERCULIN TESTING AND X-RAYING OF NURSES

The returns from the tuberculin testing and X-raying of student and graduate nurses were tabulated. These reports were far from complete in many instances. The following table shows a summary of the returns made.

TABLE IX.

	Number Employed	Number Reported	Tuberculin Positive	Per Cent.	Tuberculin Negative	Per Cent.	Number X-Rayed	Total showing Disease	Per Cent.	Active	Quiescent or Arrested
Students	3,170	3,029	1,267	41.8	1,756	57.9	1,681	18	.55	8	10
Graduates	1,230	1,141	737	64.5	424	37.1	730	15	1.3	4	11

In an attempt to find out why cases of definite tuberculous disease, who had been recommended for sanatorium treatment, failed to find admission to sanatorium, a questionnaire was sent to each family physician covering the period January 1st, 1935, to June 30th, 1936.

During this time 359 cases had been recommended for sanatorium treatment. The following table gives a summary of their disposal.

TABLE X.

	Number	Per Cent.
Admitted to Sanatorium	152	42.3
Died before admission	16	4.4
Not yet admitted	191	53.3
Total recommended	359	100.0

Of the 191 not yet in sanatorium our questionnaire received no answer in 72 cases, the reasons given in the other 119 cases are listed as follows:

Averse to sanatorium care	66
Unable to pay maintenance	12
Sanatorium too far away	10
Worried about family	5
Municipality refused to pay, not able to pay or not interested	7
Under care of own doctor or doctor did not think sanatorium care needed	4
Cases in hospital	2
Reasons not known	2
Cases lost sight of	4
Other reasons	7

DIVISION OF SANITARY ENGINEERING

A. E. Berry, M.A.Sc., C.E., Ph.D., Director

The year 1936 was a most unusual one in many ways with respect to problems created in sanitary engineering. The extremely hot summer, accompanied by an adnormal low rainfall in many parts of the Province, had a decided effect upon water supplies and stream sanitation. Many streams either dried up completely or were so low that the disposal of sewage involved unusual difficulties. A number of municipal water supplies were found inadequate to cope with the situation, and to supply the demand for water during that period. These occurrences will call for a review of the facilities in use in the municipalities to meet prolonged drought. Complaints of odours and unsanitary conditions were more numerous than usual during the summer, and requests were received by the Department from many municipalities. Apart from these difficulties the year brought a forward step in the control of milk supplies, and advances in water treatment and sewage disposal. New regulations were adopted which places the control of milk distributing plants under the Province.

Waterworks System

Expenditures in the construction of new waterworks and extensions to existing systems has not yet approached what might be regarded as an average figure. The expenditures approved by the Department totalled $683,600.04. There was an indication of an upward trend toward the latter part of the year but in most cases this did not reach the stage where a definite decision had been made to proceed with the work. The improvement in general financial conditions will be reflected in the construction of new waterworks systems for the smaller centres and further extensions in the larger places. An encouraging sign is noted in the interest shown in waterworks systems for places with populations less than 1,000.

There is in the Province at present 284 municipal centres supplied by public waterworks systems. This represents a total population of 2,400,000 or 70% of the total of the Province. In this group there are 58 filtration plants and 137 water chlorination plants. The source of supply for these systems may be grouped as follows:

Surface Waters	189
Wells	65
Springs	30

Some of the principal changes involved during the past year in the waterworks systems of the Province include the following: New systems started for Bolton, Mersea Twp., Exeter and West Lorne; a new supply main from Hamilton to Dundas; and substantial extensions of mains in Cornwall, Leaside, Ottawa, Sarnia, Stratford, Teck Twp., and Tisdale Twp.

Waterworks Operation

Operation of the public waterworks systems in the Province continued at a high standard during the year. As a result of this, and in spite of difficult water conditions, no illness or epidemics of any kind could be attributed to

any public waterworks system in the Province. There has now been no typhoid fever epidemic in the Province which can be traced to a public supply since the year 1929. The operation of filtration plants and chlorination equipment has shown steady improvement for each year. Waterworks operators have added to their knowledge in this field with the result that the consumer has benefitted by a safer water, as well as a supply of better quality in tastes and in other respects. Special efforts are being directed to control tastes and to make the water as palatable as possible.

The unusual conditions encountered during the summer, and which tended to decrease the supply of water created a shortage in several centres. Not only was this shortage due to inadequate supply, but it was also due to deficient treatment works and supply works. The Town of Dundas experienced a severe shortage of water, and the creek which had been sufficient under all conditions in the past completely dried up. Water for drinking purposes was supplied by tank cars from adjoining municipalities, and the town was able to utilize another source of supply for pumping into the mains for domestic purposes. This latter supply, while heavily chlorinated, was unfit for drinking. It served a useful purpose during the critical period. Such a failure in the future has been avoided by constructing a supply main to connect with the City of Hamilton. The Town can in future supplement their own supply by water from that City as required.

The rainfall during the months of July, August and September was very considerably lower than the normal for these months. Other municipalities also experienced shortage. The Town of Essex was unable to supply the demand from its deep wells. A number of other municipalities encountered similar difficulties for short periods. This unexpected drought and high water consumption should result in a revision of a number of water supply systems with the objective of providing adequate quantities to meet similar conditions in future.

An advance was made during the year in water softening. The first municipal water softening plant in the Province, installed in Etobicoke Township, continued to give satisfactory results. The Town of Simcoe put into service a water softening unit to both soften the water and remove the iron. This plant is a zeolite equipment, and provision is also made for removal of iron partly by zeolite filters and partly by aeration. The results of the operations of these two plants will be watched with interest in moulding proper opinion on the value and feasibility of water softening for municipal installations. The hardness and iron content of the Etobicoke supply are approximately 325 parts per million and 1.5 part per million respectively, while at Simcoe the hardness is approximately 200 parts per million and the iron is about 2.4 parts per million.

During the year the engineers of this Division continued to supervice the operation of water treatment plants throughout the Province. Period is visits were made to ensure that the treatment process was being carried on properly and that the consumer was safeguarded against disease transmision. This service continues to be of value in assisting operators in plant control. A number of unsatisfactory conditions were discovered and corrected. In addition to this the engineers of the division have been on call at all occasions to assist municipal engineers and water plant operators in any problems with which they are faced.

Sewerage Systems

The figure of $875,868.32 expenditure approved by the Department for sewerage construction is substantially lower than that of years prior to the

depression. The return of normal financial conditions will bring about an upward trend in this field, as in waterworks. Sewerage programs generally lag behind those of waterworks and when financial conditions are unfavourable there is a tendency to put off expenditures for sewers and sewage disposal. There is at present in the Province 134 municipal sewerage systems. These supply a population in these centres of 2,033,000. Dilution continues to be the most general method for the disposal of sewage from these systems. The type of treatment practised has been mostly activated sludge where complete treatment is called for. There are at present in the Province 28 activated sludge disposal plants, 9 trickling filter plants and 33 sedimentation tanks, and two fine screening plants. The remainder dispose of their sewage by dilution in nearby waters.

Operation of Sewage Plants

The operators of municipal sewage disposal plants were probably faced during the summer season with the most difficult time experienced for many years. Extremely hot weather and low rainfall called for a high standard in the effluent if offensive conditions were to be avoided. In some places the streams which normally have a reasonably good summer flow of water were completely dry, and the effluent had to be discharged into a dry creek bed. Furthermore, in some cases the sewage flow had completely disappeared from the stream a short distance below the outfall. As a result of these conditions complaints of odours in rivers and other waters were not uncommon. Emergency measures had to be taken in a number of places to bolster up the effluent of the plant and in this way an attempt was made to control the condition of the stream as far as possible.

The Department has been at the service of the municipalities at all times to assist them in operating problems. Situations of this kind have indicated the importance of having well trained operators for sewage disposal plants. If a plant is to meet these unusual demands and avoid offensive conditions in the stream it must be operated carefully and intelligently.

The disposal of sludge still proves to be a difficult problem, and one which has not yet reached a final solution. A variety of methods are employed in this Province and while many of these are working quite satisfactorily there is need for a change in a number of other works. The Ontario plants utilize sludge disposal by digestion, open sand bed drying, covered drying beds, vacuum filtration, disposal on the land, and there is now in operation as an experimental unit, a centrifuge in the North Toronto plant. Developments are taking place rapidly in this field and it is felt that a more permanent solution will be reached in the near future. Some municiaplities have been able to get rid of their sludge in liquid form by disposing, for fertilizing purposes, on the land. While this has been somewhat expensive it has been possible to follow this practice and keep the expenditure within reasonable limits. Some difficulty has been experienced with odours from land upon which this material was deposited. An interesting test was carried on at Kitchener on a full plant scale for part of one day, using chemical precipitation. This sewage contains a large amount of trade waste which gives the effluent a brown colour. It was shown that the chemicals (ferrisul) would remove the colour and would also reduce very materially the solids in the effluent.

Stream Pollution

The past summer called for much work in the investigation of stream conditions. An engineer from the Department was stationed in the vicinity of Kitchener to make observations on the Grand River during the summer

months. He also supervised the operation of sewage disposal plants in that area. Examinations were also made on the Thames River in the vicinity of London and Chatham. Both of these streams carried very reduced rates of flow, and in the Grand River an all time low mark was experienced. Further tests were also made on the Avon River at Stratford, as well as different other streams throughout the Province. The Old Welland Canal was given further consideration in the vicinity of St. Catharines.

On the Grand River the minimum flow recorded for any one day was 20 c.f.s. The previous low mark was 29 c.f.s., which occurred in the year 1934. The survey made on this stream involved chemical analyses and oxygen tests daily for some considerable period. During the low flow it was found that the oxygen content of the water in certain parts of the stream reached a low point and odours were complained of. The situation was further complicated by the extensive growth of algae and its subsequent decomposition.

In the Thames River the flow below London was so curtailed that many complaints were made concerning odours. The West End Plant of the City discharges into the river above the park dam. The low flow made this somewhat stagnant. The extensions to the sewage treatment plant were not entirely completed until after the summer season. At Chatham again low water was experienced and odours were prevalent in certain sections of the river. An examination of the situation at that point revealed the need for removal of some of the solids before the sewage and trade wastes are discharged into the stream. In the Old Welland Canal progress has been made towards a solution of the difficulty. During the year the Dominion Department of Transportation appointed a consulting engineer to study various procedures which might be adopted to take care of the situation when this section of the canal is dewatered. It is hoped that a final solution to this problem may be reached in the near future.

The conditions which resulted during the summer of 1936 have brought to light the necessity for more active studies in stream pollution in the Province. It would appear necessary to keep a close check on a number of streams if it is to be possible to determine the requirements for sewage treatment, and to forestall unfavorable conditions.

Milk Control

A distinct change was brought about in milk legislation during the year. New regulations were introduced under the Milk Control Act through which the Department of health was charged with the supervision of all milk distributing plants throughout the Province, including both raw and pasteurized supplies. The regulations consist of minimum standards which are in force all through the Province. These plants are being examined by members of the staff, and an effort is made to see that the standards are complied with. The local municipalities will still continue to carry on inspections in these dairies as before and in co-operation with the Department.

Refuse Collection and Disposal

The municipal collection and disposal of refuse is gaining throughout the Province. There is an effort to provide for the removal of this material by the municipality. It has been found to be cheaper than disposing of it by other means. Two methods of disposal of garbage are generally used in the

Province, viz., dumping and incineration. Dumping has been utilized in the smaller centres, while in the larger, incineration is gradually replacing this method.

Recreational Sanitation

During the year there was a change in the control of recreational sanitation throughout the Province. In former years it had been the practice of the Division to make examinations at tourist camps, highway refreshment booths and similar facilities. In 1936 the health officers were all circularized and given instructions for inspection of these places. They were also asked to report to the Department on their inspections. The division did carry on some supervision in the Lakeland regions and in those places where the tourists congregated for the summer.

Complaints on Sanitation

During the summer of 1936 the Department received a great many requests for assistance in the solution of complaints made concerning odours, drainage and various matters involving sanitation. The larger number of these were due no doubt to weather conditions. These requests come chiefly from the Medical Officers of Health and municipal officials. Over 300 requests were received during the year, all of which is in addition to the regular routine work of the Division.

Attached is a list of the waterworks and sewerage certificates issued during the year.

SUMMARY

Re Waterworks:	Estimated cost
Extensions to existing system	$ 606,034 22
Purification of water supplies	42,219 82
New systems	35,346 00
Total	$ 683,600 04

Re Sewerage:	
Extensions to existing system	$ 868,868 32
Treatment works	7,000 00
New sewerage systems	
Total	$ 875,868 32

The total number of applications favorably reported upon re waterworks and sewerage for the year was 166 and involves an estimated expenditure of $ 1,559,468 36

CERTIFICATES ISSUED RE WATER MAIN EXTENSIONS, PURIFICATION, Etc., for the year 1936

Municipality	No. of Certificates Issued	Water Main Extensions	Supply and Purification	New
Almonte	1	$ 1,292 87		
Barton Twp.	2	8,848 00		
Belle River	2	3,346 97	$ 2,605 00	
Bolton	1			$ 30,000 00
Cobourg	1	17,000 00		
Cornwall	2	41,030 00		
Dundas	1	31,000 00		
Eastview	1	646 00		
East Whitby Twp.	2	6,950 00		
East York Twp.	1	250 00		
Englehart	1		12,000 00	
Exeter	1		6,000 00	
Forest Hill	5	20,566 00		
Fort Frances	1	2,174 08		
Fort William	3	7,023 08		
Grantham Twp.	2	8,100 00		
Grimsby	1	8,660 00		
Hamilton	4	18,455 00		
Hespeler	1		3,514 82	
Kitchener	4	11,073 80		
Leaside	3	24,582 14		
London	1	647 25		
Maidstone Twp.	2	7,427 31		
Mersea Twp.	2	3,787 00		5,346 00
North York Twp.	2	13,264 66		
Ottawa	1	53,500 00		
Owen Sound	1	13,300 05		
Palmerston	1	314 00		
Port Perry	1	2,955 00		
Rockcliffe Park	1	3,064 41		
Saltfleet Twp.	2	10,863 59		
Sarnia Twp.	1	1,600 00		
Sarnia	2	32,140 00		
Simcoe	1		18,100 00	
Stamford Twp.	1	427 00		
Stratford	1	20,000 00		
Sudbury	1	820 00		
Swansea	2	7,128 00		
Teck Twp.	3	84,543 53		
Timmins	2	22,823 00		
Tisdale Twp.	6	97,112 03		
Toronto Twp.	2	3,579 00		
Toronto	5	3,845 00		
Waterford	1	628 70		
Waterloo	1	534 75		
Woodbridge	1	1,000 00		
York Twp.	3	9,641 00		
Totals	80	$ 606,034 22	$ 42,219 82	$ 35,346 00

CERTIFICATES ISSUED RE SEWERAGE FOR THE YEAR 1936

Municipality	No. of Certificates	Sewer Extensions	Disposal	New
Almonte	1	$ 1,044 90		
Brampton	1	1,380 22		
Brantford	1	735 00		
Chesterville	1	1,600 00		
Crowland Twp	2	10,033 35		
Eastview	1	796 00		
Forest Hill	3	38,610 00		
Fort William	6	40,401 87		
Hamilton	1	3,500 00		
Kingston	2	29,649 87		
Kitchener	4	15,438 33		
Leaside	4	144,240 70		
London	7	89,540 28		
Morrisburg	1	3,412 15		
New Toronto	1	10,000 00		
North York	1	3,700 00		
Nipigon Twp	1	1,297 92		
Nipigon	1	1,524 85		
Orillia	1	693 60		
Ottawa	11	65,746 57		
Peterborough	2	4,307 28		
Rockcliffe Park	1	1,806 00		
St. Catharines	3	1,170 40		
Scarborough Twp	1	3,876 53		
Stamford Twp	3	1,810 25		
Stratford	2	112,702 55		
Swansea	3	4,865 00		
Teck Twp	2	74,754 93		
Timmins	3	42,642 00		
Tisdale Twp	3	44,370 67		
Toronto	7	93,301 00	7,000 00	
Waterloo	1	683 10		
Woodstock	1	750 00		
York Twp	3	20,483 00		
Totals	86	$ 868,868 32	$ 7,000 00	

DIVISION OF NURSE REGISTRATION

Miss A. M. Munn, Reg. N.
Inspector of Training Schools

Visits to Schools of Nursing

Fifty-eight schools were visited once and four schools were visited twice making a total of sixty-six visits to schools. This means that every school of nursing had a visit with the exception of the School of Nursing, University of Toronto, and the School of Nursing at the Niagara Falls General Hospital—this last was delayed because of a new appointment.

There have been twenty additional visits since October 1, 1936. Besides, visits have been made to four special hospitals to evaluate each as an affiliation centre—Niagara Peninsula Sanatorium, St. Catharines; Toronto Hospital, Weston; Children's Hospital, Buffalo; and Children's Memorial Hospital, Montreal.

Plan of Visits

During visits paid in 1936, hours of duty, health supervision with special emphasis on the enforcement of regulations with relation to X-ray and tuberculosis test for nurses, student enrolment, progress, any special problem and clinical facilities were checked. When possible to do so, a class in progress, and demonstrations were observed.

Special emphasis was given in selected centres to public health nursing experience in the third year.

Revision of Regulations

Early in the year a Joint Committee, composed of representatives of the Council of Nurse Education appointed by the Hon. the Minister of Health, and an equal number from the Legislation Committee of the Registered Nurses' Association of Ontario, met to consider the revision of regulations for registration of nurses and conduct of training schools.

Six meetings of this Joint Committee were held including one conference with the Hon. the Minister of Health and one with the Deputy Minister of Education, who gave valuable assistance in connection with the outline of educational qualifications for entrance to training schools for nurses. The regulations now provide definite instructions to Superintendents of Training Schools in this respect.

Hours of duty for nurses were closely studied and are now limited to fifty-eight hours weekly for night as well as day duty and including class hours.

Council of Nurse Education

According to the revised regulations the Lieutenant-Governor in Council shall appoint a Council of Nurse Education consisting of not more than eight members.

The Deputy Minister of Health and the Director shall be members *ex officio*. The remaining members shall be:

(a) an inspector appointed under The Public Hospitals Act who shall be a medical practitioner and who shall be appointed for a term of one year; anp

(b) a medical practitioner who is connected in a teaching capacity with an approved training school and who shall be appointed on the recommendation of The Registered Nurses' Association of Ontario for a term of one year; and

(c) an officer of the Department of Education who shall be appointed for a term of one year; and

(d) a registered nurse who shall be connected in a teaching capacity with an approved training school and appointed on the recommendation of The Registered Nurses' Association of Ontario for a term of three years; and

(e) a registered nurse who shall be connected in a teaching capacity with an approved training school and appointed on the recommendation of The Registered Nurses' Association of Ontario for a term of two years; and

(f) a registered nurse who shall be connected in a teaching capacity with an approved training school and appointed on the recommendation of The Registered Nurses' Association of Ontario for a term of one year.

Affiliation

Nursing in Diseases of Children—The Toronto Hospital for Sick Children is now providing three months' training in Children's Nursing for students of the Royal Victoria Hospital, Barrie, and Ross Memorial Hospital, Lindsay.

An effort is being made to improve training in Children's services and it has been possible to secure some additional affiliation for training schools in the Eastern part of the Province with the Children's Memorial Hospital, Montreal. Additional experience is now available with the Children's Hospital at Buffalo and since this hospital is well staffed and equipped for teaching it is hoped that a few of the training schools may take advantage of this service.

Mental—One affiliation was arranged this year which provides experience for students from St. Joseph's Hospital, Hamilton, in the Ontario Hospital there. A definite programme can be planned for this service as soon as residence accommodation in connection with the Provincial Hospitals will justify this.

Tuberculosis—One new affiliation in Tuberculosis has been established, namely, that of the Victoria Hospital, Renfrew, with the Toronto Hospital, Weston.

Medical—The Toronto General Hospital is now accepting students from the Royal Victoria Hospital, Barrie, and the Ross Memorial Hospital, Lindsay, for a three months' term in acute Medicine and Dietetics.

Discontinued Training Schools

During the year the training school in connection with the Charlotte Eleanor Englehart Hospital, Petrolia, was discontinued and two students transferred to the General Hospital, Chatham, for the completion of their

training. The Great War Memorial Hospital, Perth, graduated the last class in July, 1936. This makes a total of forty-five discontinued training schools since the organization of this Department in 1926.

STATEMENT OF REGISTRANTS AND REVENUE

Total number registered, 1936	956
Total number taking Provincial Examinations, 1936	896
Total number registered since 1923	20,868

FINANCIAL STATEMENT

Registration and Re-Registration fees	$ 18,515 50
Examination fees	5,306 00
Training School Records	63 75
Miscellaneous	33 54
Total	$ 23,918 79

DIVISION OF HEALTH EDUCATION

Mary Power, B.A., Director

I beg to submit herewith a report of the activities of the Division of Health Education.

I. School Health Education

For the school year 1935-6 the following service was given to Teachers who took the Summer Course in Health Teaching and to other Teachers requesting aids for Health Teaching. A total of 1,007 budgets containing 10,491 pieces of free material was sent out, each Teacher being sent material suitable for the particular grade he or she was teaching.

The Loan Service of books, etc., was given only to those Teachers who had taken the Summer Course in Health Teaching. To these Teachers who availed themselves of this service we sent 128 parcels containing 524 pieces of material, suitable in each case for the specified grade.

To Instructors in Normal Training School, 5,360 pieces of material were sent upon request.

II. Public Health Education

During the early part of the year the work of the Division continued as usual, literature and other health educational material being sent to Local Health Authorities, namely, Medical Officers of Health, Public Health Nurses, etc. Organizations and Clubs in various sections of the Province were given service upon request. The leaflets which continued to be popular and requested in quantities were: the Baby Book; Health Almanac; Resuscitation and publications concerned with the sanitation in the home.

III. The Summer Course in Health Teaching

Was repeated in the Summer of 1936 with an enrolment of 176 teachers. The Course covered a period of five weeks and lead to a credit for a teacher's permanent 1st or 2nd class elementary school certificate.

MINUTES OF THE 22ND MEETING OF THE ONTARIO HEALTH OFFICERS' ASSOCIATION—MAY 13, 14 and 15, 1936

The Annual Meeting this year was held in the Royal York Hotel with a total registration of 317.

The Resolutions Committee, under the chairmanship of Dr. J. W. Fraser, Medical Officer of Health, Kitchener, brought in the following resolutions:

1. "That the Secretary be instructed to write Dr. James Roberts, Medical Officer of Health, of Hamilton, a past-president of this Association, expressing regret at his enforced absence from the currant meeting, and expressing the sincere hope that he may have an early and complete recovery from his illness."

2. "That the Secretary be instructed to write Mrs. Hugh McColl, of Milton, expressing profound sympathy in her recent bereavement."

The Nominating Committee was presided over by Dr. Ward W. Woolner, M.O.H., Ayr, Ont., and the report as submitted resulted in the election of the following Officers and Executive:

OFFICERS

President—Dr. C. E. Hill, M.O.H., North York Township, Lansing, Ont.
1st Vice-Pres.—Dr. W. H. Birks, M.O.H., Bowmanville, Ont.
2nd Vice-Pres.—Dr. T. H. McColl, M.O.H., Tilbury, Ont.
Secretary—Mary Power, Parliament Buildings, Toronto, Ont.

EXECUTIVE COMMITTEE

Dr. Edgar Davey, Assistant M.O.H., Hamilton, Ont.
Dr. T. A. Lomer, M.O.H., Ottawa, Ont.
Dr. C. H. Bird, M.O.H., Howe Island Township, Gananoque, Ont.
Dr. F. Ladouceur, M.O.H., Casselman, Ont.
Dr. Jas. W. Mackie, M.O.H., Township Leeds & Lansdowne Front, Lansdowne, Ont.

Dr. A. E. Ranney, President, outlined the following Resolution, which, however, is entered in these Minutes as a matter of record, since it was not submitted to the Meeting by the Resolutions Committee:

"That a Control Bureau be established by the Executive of 'The Ontario Tuberculosis Sanatoria' which Bureau or Central Point could be communicated with when we wish to have a patient admitted to a Sanatorium, who would be in a position to inform us which institution had a waiting list and which had available vacant beds."

At the Luncheon, which formed the last Session of the Meeting, the members expressed their satisfaction with the new plan tried out this year, whereby the morning sessions were devoted to instruction on practical points arising in the daily routine of the Medical Officer of Health, and the afternoon sessions included outside speakers who were specialists in various fields of medicine and public health administration. The opinion was expressed by several members and applauded unanimously that the experiment had been successful, in so far as it gave practical help to the Medical Officer of Health and they requested that the plan be followed for future meetings.

TWENTY-SECOND ANNUAL MEETING
ONTARIO HEALTH OFFICERS' ASSOCIATION
TORONTO, MAY 13, 14 and 15, 1936
HEADQUARTERS: ROYAL YORK HOTEL

PROGRAMME

Wednesday, May 13th

MORNING SESSION—Concert Hall.

9.00 a.m.—Registration.

10.30 a.m.—"Needs of the Medical Officer of Health, as shown by correspondence in the files of the Department"—Dr. J. T. Phair, Chief Medical Officer.
"The Legal Responsibility of the Medical Officer of Health"—Dr. K. G. Gray, Solicitor for the Department.

AFTERNOON SESSION, 2.15 p.m.—Concert Hall

2.15 p.m.—Address—The Honourable J. Albert Faulkner, Minister of Health, Ontario.

2.45 p.m.—Department Report on the Duties and Status of the Medical Officer of Health in Ontario—Dr. B. T. McGhie, Deputy Minister of Health.

3.15 p.m.—"Reasonable Interpretation of the Responsibilities of the Local Medical Officer of Health"—Dr. E. S. Godfrey, Jr., Commissioner of Health, New York State.

Thursday, May 14th

MORNING SESSION, 9.00 a.m.—Concert Hall

A. Minimum Standards for Tourist Camps and other Recreational Facilities—Division of Sanitary Engineering.

B. Protection from the Dangers of Cyanide Fumigation.

The addition of Cancer to the list of Reportable Diseases.

The importance of the Medical Officer of Health to Hygiene in Industry—Division of Industrial Hygiene.

Parlour B

Problems in the Control of Venereal Disease in Communities where Facilities are Available—program under the auspices of the Division of Preventable Diseases.

Milk Control in Communities with a Pasteurized Supply—under the auspices of the Division of Sanitary Engineering.

Ball Room

Milk Control in Communities with Raw Milk Supply—under the auspices of the Division of Sanitary Engineering.

Venereal Disease Problems in Communities where Facilities are not Available—under the auspices of the Division of Preventable Disease.

AFTERNOON SESSION, 2.15 p.m.—Concert Hall

2.15 p.m.—The Local Board of Health as its own Publicity Agent—Dr. D. V. Currey, Medical Officer of Health, St. Catharines, Ontario.

2.45 p.m.—Can We Prevent Heart Disease?—Dr. John Hepburn, Toronto.

3.15 p.m.—Serum Therapy in Pneumonia—Dr. George Anglin, Toronto.

3.45 p.m.—Medical Supervision of the Dionne Quintuplets—Dr. A. R. Dafoe, Medical Officer of Health, Callander.

DINNER SESSION, 6.30—Crystal Ball Room

1. Presidential Address—Dr. A. E. Ranney, Medical Officer of Health, North Bay.
2. Guest Speaker—The Honourable Charles G. Power, Minister of Pensions and National Health, Ottawa.

Friday, May 15th

MORNING SESSION, 9.30 a.m.—Ball Room

The Tuberculosis Situation in Ontario and the Problem it presents to the Medica Officer of Health—Division of Tuberculosis Control.

PARLOUR B

Nuisances as a Problem of the Medical Officer of Health—under the auspices of the Division of Sanitary Engineering.

Immunization Program in Communities where Help is Available to the Medical Officer of Health—under the auspices of the Division of Preventable Diseases.

CONCERT HALL

School Sanitation—under the auspices of the Division of Sanitary Engineering.

Immunization Program in Communities where the Medical Officer of Health is the Sole Agent—under the auspices of the Division of Preventable Diseases.

LUNCHEON SESSION, 12.30 p.m.—Private Dining Room No. 9

Summary: The 1936 Conference as an Effort to Assist the Medical Officer of Health in Meeting the Demands of His Office—Dr. J. T. Phair, Chief Medical Officer.

AFTERNOON SESSION, 2.30—Field Trips

Provincial Laboratories, Parliament Buildings.

Water Filtration Plant.

Modern Dairy Plant.

Sewage Treatment Works, etc.

THE LIBRARY OF THE DEPARTMENT OF HEALTH

FREDRITA HENLEY WRIGHT, Librarian

Since the enlarged Library service went into effect in 1935, all books for the Central Library, the thirteen Ontario Hospitals and outside units, are purchased through the Central Library. Placing of annual subscriptions to the numerous journals has also been done in this way.

All books are received at the Central Library, catalogued in the central catalogue and then forwarded to the Hospital, together with duplicate cards for insertion in the Hospital catalogue.

ACQUISITIONS

During 1936 the following additions were made:

Central Library

Books purchased	49
Journals	118 vols.
Reports	89
Pamphlets	1,453
Total	1,709

A number of new journal subscriptions were added to the Library list during 1936, bringing the total number to 94, four of which were complimentary.

Ontario Hospitals

Books purchased	156
(Including books for training schools)	
Journal subscriptions	81
Periodical subscriptions	104
Newspaper subscriptions	130
Total	471

LOAN SERVICE

There were 2,316 loans made by the Library; 2,041 were within the Department and 275 to the outside services and Ontario Hospitals. Journals on tuberculosis were circulated regularly to the Clinicians in charge of the Provincial Traveling Chest Clinics at North Bay, Belleville and Ottawa, and to the Tuberculosis Unit at the Ontario Hospital, New Toronto. Routine circulation of journals was made to the Branch Laboratories at North Bay, Fort William, Sault Ste. Marie, Peterborough and Ottawa.

SUMMER COURSE IN HEALTH TEACHING

To the Summer Course in Health Teaching, the Library loaned bound books, pamphlets and health journals to the number of several hundred.

The service was very much appreciated by the students and formed a valuable part of health instruction. The Library has extended this service since the Course was organized in 1933. The attendance at the 1936 session was one hundred and seventy-six teachers from Elementary Schools of the Province.

LIBRARY BULLETIN

Publication of "Articles of Interest" was resumed in July, 1936, as "Volume II, No. 1" (one number having been published in September, 1935) and with the September, 1936, edition the title was changed from "Articles of Interest" to "Library Bulletin." This Bulletin consists of a bibliography of articles of interest to all Divisions of the Department appearing each month in the library journals. It is distributed to each Divisional Director, to the Ontario Hospitals and all members of the outside service; one hundred copies are mailed each month.

SERVICE TO ONTARIO HOSPITALS

During the year a card catalogue, showing author and title, was made of the books in each of the thirteen Ontario Hospitals. This catalogue also gave the location of each book, i.e., whether in the Superintendent's office, training school for nurses, mental health clinic, dietitian's office or laboratory.

A further effort which has brought gratification to the Library is the completion, for the Central Library, of a combined catalogue of all books in the thirteen Ontario Hospitals. Thus the Central Library makes available to the Department officials and to the staff members of all hospitals, information regarding the location of every book in the service. Rare books and old editions are thus easily located for reference. The sections on psychiatry and allied subjects contained in the thirteen Hospitals become a comprehensive unit of the Library and greatly enhance the value of the facilities and equipment of the Departmental services.

During the month of December a number of books for use in the training schools of the Ontario Hospitals were purchased by the Central Library. These were received by the Library, catalogued in the central catalogue and forwarded to the training school, together with cards for the Hospital catalogue.

The library also reports with pleasure the extension of one branch of the service, i.e., the compilation of bibliographies on special subjects upon request. This service has been requested in some fifteen instances during the year.

Patients' Libraries

A number of new books were purchased for the patients' library in the following Ontario Hospitals: Brockville, 50; Fort William, 25; Cobourg, 36; Woodstock, 100. The "Boys' and Girls' House" of the "Toronto Public Library" were good enough to make a donation of discards to the Ontario Hospital at Cobourg.

The Central Library also contacted several Toronto publishers who have very generously agreed to donate unsold papers and periodicals each month. In addition, 50 copies each of two weekly papers are received at the Central Library and re-shipped each week to the patients in the 13 Hospitals, making a total of 5,200 copies distributed per year.

CONCLUSION

The past year has seen unprecedented activity in cataloguing, routine reference and general library work. The increased demands on our time and efforts, however, present a compensation in the increased service which the library is now being requested to provide.

The staff of the Library wishes to extend its thanks to the Deputy Minister of Health and the Chief Medical Officer of Health for their sympathetic support during the year, without which the Library could not have functioned as effectively as it has.

To the members of the outside services and to the staffs of the Ontario Hospitals whose co-operation has made the loan service possible, we also extend our thanks.

DIVISION OF DENTAL SERVICES

W. G. Thompson, D.D.S., F.A.C.D., Director

During the past year the Division has been increasing its services.

As in previous years, the Department has supplied literature and notification of defects forms in connection with school dental services. Lectures have been given to the students at the Normal Schools and suitable literature and charts distributed to them.

In co-operation with the Canadian Dental Hygiene Council a plan of intensive dental health education was inaugurated. This knowledge of preventive dentistry is being imparted to the general public through a programme of addresses to school children and to adults, in an endeavour to teach the general public that dental decay and dental disease can be greatly lessened through their own efforts. A start has been made in the southwestern section of the Province and the results achieved have been most gratifying. The dentists have generously responded by making a complete examination of the mouth of every school child, so that a chart can be sent into every home showing the actual condition of the mouths of the children.

The travels of the dental car have covered a wide area; as far north as Moosonee on the T. & N. O. Railway and to Hearst on the Algoma Central Railway; then transferring to the Canadian Pacific Railway to start working east from Ingolf on the Ontario-Manitoba boundary. The Car Clinic has done most effective work and provided facilities whereby hundreds, mostly school children, who cannot reach a dentist have the advantage of dentistry brought to them.

Owing to the many demands for emergent dental treatment for people on relief, it was found necessary to increase the amount of the appropriation for this work.

The programme of providing dental services for Mental Hospitals has been greatly extended. In several of the Clinics an increase in the number of working hours of the dentist has been necessary in order to take care of the increased numbers of patients.

A Central Laboratory has been established in the Toronto Hospital, where a permanent technician is employed. His work is confined to prosthetic work sent in from the various Institutions. Since this Clinic began to function it has supplied about 360 dentures and 375 rebases and repairs for the patients. This project has proved very satisfactory to all concerned.

A clinic is being planned at the Ontario Hospital in Toronto, to make an investigation and research as to the bearing that dental conditions have on certain types of mental disorders. Dental diagnoses with complete X-ray and laboratory findings will be carried on, in the hope that any patients suffering from dental lesions may be treated and any benefits that may accrue be noted.

DIVISION OF INDUSTRIAL HYGIENE

J. Grant Cunningham, M.B., Director

A number of inquiries have been received from industrial executives respecting plans for providing medical care for employees. Such arrangements based on industrial groups increase the opportunity for the application of preventive measures. However, it should be recognized that the wage-earning section of the population while interested in both sides of the subject has been more interested in a small assured income during sickness than in insurance coverage for medical care. It is for this purpose that employee contributions are primarily made. Immediate considerations loom largest, so that it is only after income during sickness and treatment of sickness are covered that prevention can receive much consideration. For some time to come it may be expected that such preventive work as can be accomplished must be initiated and largely carried through by industry or the state or both.

The work of this Division is intended to stimulate the interest and activity of industry to organize preventive work and assist in its accomplishment, with particular emphasis on the diseases directly associated with industrial work.

Tuberculosis: The Dust Hazard

Tuberculosis incidence is higher in the wage-earning population than elsewhere. It should be emphasized again that tuberculosis is a communicable disease, so that frequent contact such as obtains in industry and commerce may be expected to favor its spread although to a much less extent than is the case at home. British occupational mortality records show more tuberculosis among garment workers than in workers in cotton manufacture, the physical type of labor being comparable. The opportunity for infection is greater in the first instance.

Following the detection of a high incidence of tuberculosis cases in certain factories in Ontario last year, there were examined this year three hundred and five employees in two boot and shoe plants. There were four cases of active tuberculosis among them, with certain others in whom continued observation was desirable. This is not a high incidence, although some of them were at work in as close proximity to one another as was the case in rubber shoe plants investigated previously. A positive tuberculin test involves a mild local reaction at the site of injection of the material and indicates that infection has taken place although it is obvious that disease is not usually present when it is realized that the majority of adults present this reaction. Negative tests usually exclude the presence of tuberculosis. In these examinations as in groups elsewhere, an attempt was made to use the reaction to tuberculin to reduce the number of examinations necessary for this type of investigation. However, the test was positive in seventy-eight per cent. of the employees in these groups and their attitude to the procedure under these conditions was quite unfavourable, so that it is a question as to whether the test is warranted for this purpose.

Certain dust exposures in industry contribute to the amount of tuberculosis. In about five hundred workmen exposed to silica dust and examined

for survey purposes was one group of one hundred and thirty-eight workmen in one foundry in which there were detected seven cases of active tuberculosis —two with positive sputum. In the follow-up by the plant physician in the next nine months five of them returned positive sputum tests. Only two of these men had silicosis. Nothing could emphasize more clearly the importance of periodic examination of workers exposed to silica dust. It ensures that those with tuberculosis are placed under treatment as early as possible and, at the same time, avoids exposure of other workmen to the disease. Most of those with silicosis not complicated with tuberculosis should be allowed to continue in work with which they are familiar. Legislation in the Ontario Mining Act requires these examinations for miners. They have been recommended for workers in certain other silica processes, but have been adopted without legislation in twenty-four plants. Nearly four hundred cases were reviewed and chest X-ray interpretations given for industries now conducting periodic examinations of workers in dusty trades. The Silicosis Referee Board examined and reported on ninety-nine claimants referred by the Workmen's Compensation Board for diagnosis as to the presence of silicosis or silicosis and tuberculosis.

Upon the request of the Brotherhood of Boilermakers, Welders and Helpers, inquiry was made into the health of workers engaged in acetylene and electric welding. Sixty-four men were examined with particular attention to the eyes and chest. No evidence of effects from chromium, nickel or manganese, which might be volatilized as constituents of welding rods, was noted. The presence of sodium silicate and aluminum silicate in welding rods led to chest X-ray examination where it was noted that normal shadows were heavier than usual, while a few suggested minor changes (indefinite fine mottling), similar to those reported by Doig and McLaughlin in The Lancet, April 4, 1936. These changes are not necessarily associated with silica. In any case, it is essential that welding operations be conducted only under conditions where good ventilation can be made available. The subject warrants further inquiry.

The control of silica dust has involved detailed examination and recommendations for improvements in eight porcelain manufacturing plants. Definite progress has been made in some of these. Apart from the handling of raw materials, the clay body has varied in free silica content from twenty to thirty per cent. The average of dust counts at various operations in these plants was as shown in the following table, expressed in millions of particles per cubic foot of air, using the Greenburg-Smith Impinger and standard light field procedure:

	Plants							
Location	1	2	3	4	5	6	7	8
Loading raw materials			47		41	83	41	94
Sagger grinding and screening		128			32			
Blowing off	14	77			11	9		63
Trimming, fettling, etc.		55	34			56	90	4
Cutting, turning, drilling	9 to 30				9	14 to 670		
Glaze spraying		58	22			9		11

Addtional detailed inquiry has been made in certain foundries directed particulary to testing methods for the control of dust in operations like sand slingers, mechanized shake-out and sand recovery. In a survey of one hundred foundires there were fifteen out of four hundred and seventy-five solid type tumbling mills and thirty-six out of one hundred and ninety stationary grind

wheels, not ventilated. There is a gratifying increase in the number of foundries using steel shot or grit rather than sand abrasive. Most foundries are using parting sand with silica absent, or present only in small amounts. Housecleaning has improved materially but some types of equipment have received less attention than is necessary.

The results of the investigation to determine suitable means to be adopted for the control of dust produced by the hand-pneumatic tool and the surfacing machine in granite shops have been published and referred to the Inspection Branch of the Department of Labour.

Regulations under the Factory, Shop and Office Building Act have been drafted for the control of dust in these three industries.

Lead Poisoning

There have been no cases of lead poisoning reported in vitreous enamel sprayers for some years until trouble arose this year in the enamelling of stove parts. Velocities across the mouths of the hoods were in all cases close to one hundred feet per minute. Samples of air taken from the breathing level of men at work showed from 0.5 mgs. to 29.4 mgs. per ten cubic meters of air. Examination of those without definite evidence of poisoning revealed one man with stippled cell count of 12,000 per million red cells and no symptoms. He was removed from exposure. While such factors as the size and shape of products being sprayed, the amount of lead in the paint and the technique of the operator arise, it appears that a linear velocity of one hundred feet per minute is not sufficient. Three plants are using positive pressure masks and others the filter mask at these spray booths. While comfort is greater without them, their use with proper maintenance removes the hazard from lead.

Air samples and blood examinations of workmen in a storage battery plant compared with similar determinations in a plant manufacturing lead arsenate as an insecticide and in a plant operating power grinders for the removal of excess lead on automobile bodies showed the presence of more extensive changes in the blood picture, in proportion to lead in air, in the storage battery workers than in the others.

With those exposed to lead in small quantites in the insecticide plant where the conditions are now well-controlled, the effort was made to determine the value of the basophilic aggregation test as compared with examination of stippled cells. While the aggregation test is easier, the blood smears must be stained shortly after they are obtained, making the procedure impractical for control by a central laboratory. The two methods used together are more informative of conditions than when either is used alone, because the stippled cell count is more *specifically* associated with lead absorption.

Benzol Poisoning

During the year there was one death from benzol poisoning in a process impregnating canvas with rubber dissolved in benzol. The air determinations showed concentrations of less than one hundred parts per million at the cement mixers, at the condensing tank used for recovery, and at the rollers. At the dipping tank under the hood the concentration of benzol was four hundred and thirteen parts per million. The opportunity for exposure here was very limited in time and the operator in question had been at work in this depart-

ment for nine years, with much heavier exposures to benzol previous to that time. No others were affected at this process, and no other cases appeared elsewhere last year.

After the appearance of a report by Yant, Schrenk and Patty, in the Journal of Industrial Hygiene, June, 1936, on this subject, urine sulphate ratios have been determined on numbers of benzol workers. These tests were checked with blood examinations and air determinations in the hope that more information might be available, to avoid disability from this exposure.

Detailed inquiry was made to determine what steps might be taken to eliminate cases of conjuntivitis in the manufacture of artificial silk. Ventilation equipment in use at present handles a tremendous volume of air to minimize the hazard. A modification of process to avoid exposure to hydrogen sulphide in the atmosphere now occupies the attention of the industry.

The Geiger-Mueller tube has been used in an investigation to determine the possible storage of radium salts in the bodies of workers engaged in the grinding of pitchblende ore. This report is being published.

Under the regulations of The Factory, Shop and Office Building Act, twenty-three plants conducted periodical physical examination of workers exposed to lead and benzol, with reports submitted to the Division at regular intervals.

Large numbers of analyses of samples were made in the laboratory for amounts and kinds of materials handled in industry, which might be dangerous to health, especially for the Factory Inspection Branch of the Department of Labour, the Workmen's Compensation Board, the Industrial Accident Prevention Associations, and for employers. Requests for field investigations if they required detailed examination including laboratory work have had to be delayed at times on account of the time involved. However, they reflect a widening interest in the effect on health which might be produced by the use of a great variety of substances. Some inquiries on account of more recent industrial developments include the use of chlorinated naphthalene in insulating material; the zinc chloride double salt of phenyl hydrazene for softening rubber; possible poisoning from spraying strontium and barium compounds in radio manufacture; the use of fluorescent paint in the theatrical costume trade; plating with rhodium or the use of monochlortoluene as a vehicle in coating metal. Such inquiries emphasize the importance of constant contact with newer industrial developments through field work and library facilities on current medical and industrial research.

There have been a number of addresses and technical articles prepared and delivered or published for interested groups such as:

"Ventilation," by Dr. F. M. R. Bulmer, Urban School Trustees Association, Windsor, May 20, 1936.

"When Are Poisons Dangerous," by Dr. F. M. R. Bulmer, published in "Health," Vol. 4, No. 4, 1936.

"Fumigation," by H. E. Rothwell, published in the Canadian Public Health Association Journal, July, 1936.

"Radium, Its Discovery, Properties, Preparation and Use," by J. D. Leitch.

"The Effect of Various Physical Factors on the Counting of Silica Dust Suspended in Water," by M. Annetts and J. D. Leitch, published in the Journal of Industrial Hygiene, Vol. 18, No. 10, February, 1936.

"Dust Control in the Granite Industry," by J. D. Leitch, Journal of Industrial Hygiene, Vol. 18, No. 10, December, 1936.

"Clinical and Radiological Aspects of Silicosis," by Dr. A. R. Riddell, published in the Canadian Public Health Journal, February, 1936.

"Gas Poisoning in Fires," by Dr. J. G. Cunningham.

Medical Care and Sanitation in Unorganized Territory

The enforcement of the regulations of the Department respecting camps, works and premises in unorganized territory involves the supervision of sanitation and medical care in operations which are rapidly increasing in number. In lumber, pulp and paper, mining, and construction camps there are now nearly 40,000 men. Their wide distribution and relative inaccessibility make it difficult to adequately cover this territory with the personnel available, although the system whereby sanitation contracts are required between employers operating these camps and physicians, makes it possible to utilize the services of about one hundred and twenty-five physicians for the improvement of sanitary conditions.

During the year arrangements were completed with the Department of Lands and Forests whereby check scalers with repeated and ready means of access to camps report the existence of unsanitary conditions to the District Sanitary Inspector, so that his attention may be concentrated upon operations conducted by those employers who themselves are not yet convinced of the importance of sanitation.

Apart from camps, the development of small centres of population at strategic points, without municipal organization, presents difficulty whether a townsite has been granted or not, since locally there is no one responsible for sanitary conditions. The Provincial Sanitary Inspectors with such large territory to cover are unable to devote the necessary attention to such items as water supply, milk supply, sewage disposal and nuisances associated with the individual household. In one district, a large camp of blueberry pickers grew up without reasonable regard for sanitation. Nine cases of typhoid resulted.

The sanitary inspector's first attention is directed to the control of communicable disease, receiving the assistance of contract physicians and under certain circumstances other practicing physicians where diagnosis is concerned. The record is fairly satisfactory. Reports show ten cases of typhoid fever with no deaths; twenty-two cases of dysentery with no deaths; and one case of smallpox which recovered, but it should be emphasized that this record can only be maintained with close supervision by medical personnel.

In connection with the medical contract system in effect in unorganized territory, it should be emphasized that the employer is responsible for medical care of his employees, that the contract is required only when the employer deducts from wages for this purpose as sanctioned by regulation, and that for isolated operations the physician is thus made available.

Additional safeguards required to ensure increased attention to medical care include regular reports of kinds and amount of sickness and hospitalization, attested statements of disposition of funds deducted and increased penalties for misappropriation.

Fumigation

Experience with the control of cyanide compounds for fumigation has resulted in amendments to The Public Health Act and to the regulations in June, 1936, whereby the responsibility for inspection to ensure compliance with the regulations has been placed upon the local municipality. At the same time, provision is made whereby the municipality might charge a fee for permits issued. In addition to public liability insurance to be carried by the licensed fumigator, he must also provide insurance coverage for his employees.

Considerable investigation has been conducted by the Department to determine the minimum allowable concentration of warning gas in cyanide products to be used for household fumigation. The details of the kinds and amounts of materials prescribed, as provided for in the regulations, have been sent to all licensed fumigators and to all Medical Officers of Health. This has been necessitated partly in order that the amount of cyanide used would be sufficient to carry with it an adequate supply of warning gas. Experience so far has justified the use of warning gas for household fumigation.

The Department has continued to render assistance to inspectors in municipalities where cyanide fumigation is carried on. These are not confined to those municipalities in which fumigators are licensed since it is a fairly common practice to bring fumigators some distance for this purpose.

There have been no serious accidents with the use of these compounds in 1936. The number of fumigators with licenses to conduct household fumigation has materially lessened. The total is twenty-seven at present, with fourteen others whose licenses are restricted to the conduct of commercial fumigation with cyanide compounds.

Cancer Control

Radium

During 1936, 220 milligrams of radium formerly purchased from private physicians were refilled in tubes and needles of a design consistent with that used on all new radium purchases. A ten milligram plaque was purchased for the Ottawa Civic Hospital for use in the treatment of small skin lesions, while an additional 120 milligrams in needles and tubes were purchased for the Hamilton Clinic.

It is of interest to note the rapid fall in price of radium during the past four years since the Eldorado Gold Mines began to extract radium from pitchblende mined at Great Bear Lake. Latest purchases were made at $30.00 per milligram compared with $54.00 in 1932.

All outstanding orders for new and refilled radium have been completed. The following table gives the present distribution of the element:

Location	Amount	Approximate Cost
Toronto General Hospital	4,788 mgms.	$225,800 00
Kingston General Hospital	410 "	21,500 00
London (Victoria Hospital)	300 "	16,750 00
Hamilton (General Hospital)	405 "	17,350 00
Ottawa Civic Hospital	510 "	25,630 00
Ottawa General Hospital	100 "	5,400 00
Windsor (Metropolitan Hospital)	250 "	10,130 00
Radium Emanation Plant	302 "	18,900 00
Totals	7,065 mgms.	$341,460 00

The distribution of radium emanation is given in the following table. Private physicians are charged $1.00 per millicure for pay patients.

Distributed to	Millicuries	Revenue
Toronto General Hospital	4019.82	Free
Kingston General Hospital	445.54	"
London (Victoria Hospital)	373.15	"
Hamilton General Hospital	132.52	"
Ottawa Civic Hospital	356.72	"
Ottawa General Hospital	0.00	"
Windsor (Metropolitan Hospital)	743.76	"
Private Physicians	1525.38	$569.24
Totals	7596.89	$569.24

It is gratifying to note that only one 3 milligram needle (value about $150.00) has been reported lost since the Government established its first cancer clinic in 1932. During the past year the Toronto General Hospital reported the loss of 80 milligrams of their own private supply. It was found at one of the Toronto dumps by means of the Geiger-Mueller detector built by the Department for this purpose in 1935.

Periodic calibration of the X-ray dosimeters used in the cancer clinics was continued throughout the year. The substandard ionization chamber belonging to the National Research Council of Canada was used for this purpose.

A number of calculations of radium dosage was made at the request of some of the clinic directors and a number of lectures on radium and X-rays was given to service clubs and other organizations throughout the year.

Statistical Report On Cancer For 1936

1—Cancer Records

The need for some uniformity in nomenclature and in methods or recording data on cases of cancer has occupied the attention of the clinic directors and officials of the Department. In the main, agreement has been reached and a complete scheme of records has been prepared so that the clinics will by supplied with suitable forms necessary for recording clinical data, follow-up and treatment of cancer patients. A summary card to be completed at

the clinics will contain essential information for analysis by the medical statistician of the Department to determine the number of cases treated with radium, X-ray or surgery or a combination of these; the number of new cases reporting; the stage in the disease at which they reported; the location and type of the lesion; results of treatment; extent of hospitalization etc. However, at most of the clinics the clerical staff is insufficient for record-keeping purposes. In spite of this, the clinic directors are co-operating fully in an effort to provide information as to what is being accomplished with the facilities established at these seven clinics in the Province for treatment of cases of cancer.

Dr. Sellers' report on cancer mortality, estimated number of cases in Ontario and number and kinds of new cases treated in the seven clinics, follows:

2—Cancer Mortality

The trend of mortality from malignant disease in Ontario during the last quarter century has been similar to that observed elsewhere. The recorded deaths and crude death rates for the last ten years are given in Table I.

TABLE I.

CANCER DEATHS IN ONTARIO, 1926-1935.

	Deaths		
Year	Number	Per Cent. of Total Deaths	Crude Death Rate
1926	3,116	8.7	99.0
1927	3,177	9.1	99.7
1928	3,441	9.3	106.6
1929	3,402	8.9	104.0
1930	3,635	9.7	109.7
1931	3,726	10.4	108.6
1932	3,825	10.5	110.1
1933	4,044	11.5	114.7
1934	4,034	11.5	113.2
1935	4,214	11.6	117.1

These data serve to illustrate the persistent increase in total deaths attributed to malignant disease and the increasing proportion of total deaths due to cancer. Little attention need be paid, however, to the trend in the crude death rates since much of this increase is apparent and due to "ageing" of the population.

3—Estimated Number of Cases of Malignant Disease

Reasonably accurate data on deaths from cancer are made available in the annual reports of the Registrar-General, but, so far, no reliable index of cancer morbidity is obtainable. Present knowledge based on published papers on the subject in England, however, has given us some information concerning the "natural duration" of life of persons with malignant disease of certain sites. Greenwood, who has brought much of this work together, and more recently Hoffman, have provided some basic figures on "natural duration" through which can be made a rough estimate of the number of cases in existence during a given year.

Hoffman, for example, indicates that *on the average* "the known duration of cancer (all sites) at the present time is 18 months; for the uterus 20.5 months, breast (female) 28.8 months, etc." These data are based on the returns of *duration* on the standard death certificate in certain centres of the United States. Greenwood's figures are, however, based on actual clinical records compiled by various observers. In some respects the two sets of data agree rather closely, in others, not so well.

Using the figures compiled by Greenwood the following estimate was made of the number of cancer cases in existence during 1935 in Ontario. The method consists merely in multiplying the number of deaths by the known duration (natural duration) in years. For sites for which no data on duration is available, one death has been presumed to represent one case (Table II.).

TABLE II.

ESTIMATED CASES OF MALIGNANT DISEASE

ONTARIO, 1935.

Organ or Site	Deaths in 1935	"Natural Duration" in Years	Estimated ‡No. of Cases
Breast	424	3	1,272
Uterus	353	1 2/3	471
Skin	87	5	435
Buccal Cavity and Pharynx x	167	1 1/3	223
Larynx	28	1 1/6	33
Oesophagus	79	1	79
Stomach and duodenum	868	1 1/3	1,157
Rectum	230	2 1/6	498
Other cancer of digestive tract†	946	——	946
Lung	98	——	98
Female Genital organs (except uterus)	118	——	118
Male genito-urinary organs	369	——	369
Female urinary organs	87	——	87
Bone and joint	58	——	58
Brain	67	——	67
Others unspecified	235	——	235
All sites	4,214		6,146

‡ In existence at any stage during 1935.

x Including lip, tongue, mouth, jaw, fauces, palate, pharynx, tonsil.

† Including liver, gall bladder and pancreas.

In 1935, on this basis there were in existence (at any stage of the disease), 6,146 cases of malignant disease. This estimate is a conservative one and is possibly too low. It approximates very closely the assumption of 18 months duration on the whole, or three cases for every two deaths.

For malignant disease of those sites particularly amenable to treatment—breast, uterus, buccal cavity and skin, to which there were attributed a total of 1,031 deaths in 1935, the estimated cases (at any stage) from the preceding table stand at 2,401. It is of interest to compare the estimated number of cases of malignant disease in Ontario on the above basis with the actual number of new cases treated in the Clinics during 1936. (Table IV.)

These data support the *tentative assumption* that for every two *deaths* attributed to cancer during a given year, there are *at least three cases* at some stage of the disease requiring treatment.

Summary Of Annual Report Of The Institutes Of Radio-Therapy For 1936

The following are some of the basic data from the reports of the seven cancer clinics for the calender year, 1936. During 1936, a total of 3,638 malignant and non-malignant new cases were recorded at the Centres. These were distributed as in Table III.

TABLE III.

RECORDED NEW CASES OF CANCER, 1936.

ONTARIO CANCER CENTRES.

Centre	Malignant			Non-Malignant	Total
	Private	Public	Total		
Hamilton	227	83	310†	229	539
Kingston	131	114	245	161	406
London	41	45	86	35	121
Ottawa (Civic)	171	103	274‡	268	542
Ottawa (General)	93	59	152x	25	177
Toronto	531	428	959	622	1,581
Windsor	108	52	160*	112	272
Totals	1,302	884	2,186	1,452	3,638

† Includes 35 malignant new cases treated by surgery alone.

‡ Includes all gastro-intestinal cases coming to hospital whether for treatment or solely for diagnosis.

x Includes 43 malignant new cases treated by surgery alone.

* Includes 8 malignant new cases treated by surgery alone.

"Private" includes all patients except municipal charges or welfare cases.

Thus a total of 2,186 "malignant" new cases were recorded during the year, that is, approximately one-third of the total estimated malignant cases for Ontario shown in Table II above.

The distribution of the "malignant" new cases by site is given in Table IV by Centres.

TABLE IV.

NEW CASES OF MALIGNANT DISEASE BY DIAGNOSIS.

ONTARIO INSTITUTES OF RADIOTHERAPY, 1936.

Centre	DIAGNOSIS								Total
	Breast	Carcinoma				Malignant Disease		Other Malig. Disease	
		Female Genitals	Lip Tongue Mouth	Upper Air Passages	Alimentary Tract	Skin	Bone		
Hamilton	59	55	30	6	67 (1)	55	5	33	310
Kingston	44	28	37	8	25	68	6	29	245
London	25	12	15	3	4	25	0	2	86
Ottawa (Civic)	42	28	47	0	26 (1)	78	3	50	274
Ottawa (Gen.)	24	23	20 (2)	—	53 (1)	8	3	21	152
Toronto	169	132	153	34	26	269	10	166	959
Windsor	31	27	17	5	20	31	1	28	160
Total	394	305	319	56	221	534	28	329	2,186

(1) Includes all cases in hospital whether referred directly to the clinic or not.

(2) Includes upper air passages.

It will be noted in this table that the actual new cases of cancer of the oral cavity and skin exceeds the estimate given in Table II, indicating that the estimates in these two instances are too low and the *actual number of cases requiring treatment* should be placed much higher. It is certain that not all cases of these types are now being treated in the seven Government Clinics. The possibility that the recorded deaths do not fully reflect the actual situation is another possible explanation.

Hospitalization of New Cases

As an illustration of the extent of hospitalization needed for the treatment of cases of malignant disease, Table V gives the data on hospitalized new cases available for four Centres. The total number of new "malignant" cases in each instance is given for comparison.

TABLE V.

HOSPITALIZATION FOR MALIGNANT DISEASE

NEW CASES IN CERTAIN CENTRES, 1936

Centre	Private Patients				Public Patients			
	No. of Cases	Number Hospitalized	Days' Stay	Aver. Stay	No. of Cases	Number Hospitalized	Days' Stay	Average
London	41	9	145	16.1	45	43	1,381	32.1
Ottawa (General)	93	84	1,942	21.9	59	49	1,580	32.0
Toronto	....	....	....	....	....	586x	16,183	27.6
Windsor	108	58	960	16.5	52	38	1,499‡	39.5
Total	242†	151	3,047	20.2	156†	716	20,643	28.8

x Includes 212 old cases readmitted to hospital during 1936, only 374 actually of the 428 public new malignant cases being hospitalized during the year.

‡ Includes 2 patients who stayed a total of 450 days, excluding these, the average days' stay would be 29.1.

† Excluding the data for Toronto.

In each instance the average stay of "public" is markedly in excess of that for "private" patients. For the three Centres, London, Ottawa (General), and Windsor, the average number of hospital days *per new* malignant case is 12.6 for "private" patients and 28.6 for "public" patients.

DIVISION OF LABORATORIES

A. L. MacNabb, B.V.Sc., Director

The Division of Laboratories serves not only the various Divisions of the Department, but also, to an increasing extent each year, the local Health Officers, and practising physicians of every city, town and village as well as the Hospitals and other institutions located throughout the Province.

An earnest endeavour is being made to improve the service rendered by the various Branch Laboratories, especially those Laboratories situated in the Northern portion of the Province. The demands upon the Central Laboratory continue to multiply.

During the year 1936, the Division of Laboratories examined and reported on 433,519 specimens, which is an increase of 18,591 over the previous year. Of these increases, the following Laboratories contributed as follows:

Central Laboratory	9,809
Ottawa	318
Kingston	3,414
Fort William	1,406
Peterborough	282
North Bay	3,362

Several changes have occurred in the Central Laboratory staff. Mr. R. W. Hollinger, who had served the Department so faithfully in the shipping room, was superannuated on October 1, 1936. Miss J. MacAlpine, B.A., of our Ottawa Branch Laboratory, was transferred to the Central Laboratory, and Miss C. Wray, B.H.Sc., was appointed to fill the vacancy in the Ottawa Laboratory.

Mr. F. J. Murphy, who is our night laboratory technician, has familiarized himself with the work in connection with pneumococcus typing and has rendered very faithful and efficient service to the practitioneers after the regular hours, and on Sundays and Holidays.

I have received very hearty co-operation from the Directors of the various Branch Laboratories, and co-operating laboratories. New equipment has been added to the Ottawa, Fort William, and North Bay Laboratories, to enable these Laboratories to not only improve the service, but also to widen the scope of the service rendered.

The maintenace of the standards relative to the various fields, and in support of the Branch Laboratory work, involved some investigational work being carried out at the Central Laboratory.

The technique used for the primary isolation of tubercle bacilli in the Central Laboratory, was published in the year book of the American Public Health Association. A second paper outlining the value of the various cultural media and the comparative study of cultural and animal inoculation tests was published in the Journal American Public Health Association, in February 1936.

Dr. W. B. McClure, Bacteriologist for the Central Laboratory, has carried out investigational studies relative to pneumococcus typing. Three hundred and seventy-nine strains of pneumococcus were isolated. A question-

naire was forwarded to each physician, and the clinical data has been obtained. The preliminary report on this work was presented at the Laboratory Section Meeting, Canadian Public Health Association, held on December 21st, 1936.

Investigational work in connection with the standardization and preparation of Pertussis vaccine, and a further study of the comparative value of the flocculation and fixation tests in the diagnosis of syphilis, were also made.

In connection with the colon typhoid work, the number of Dysentery Flexner strains isolated during the past year, equalled that of S. typhi. A study is being made of these strains isolated, and a report will be published this year.

The work in connection with the cultural tests for the primary isolation of tubercle bacilli is being continued. Several new media containing silica have been added for test purposes.

The nature and scope of the work carried out in each section of the laboratory will be dealt with separately.

Table I outlines the number and nature of examinations made in each of the Laboratories.

TABLE I.

REPORT FOR THE YEAR, JANUARY 1st TO DECEMBER 31st, 1936

Routine Procedure	Number of Examinations								
Type of Specimen	Toronto	London	Ottawa	Fort William	Kingston	North Bay	Peterboro	Sault Ste. Marie	Total
Bacteriology:									
Diptheria:									
Direct Smears	1,368	721	354	239	33	258	185	4	3,162
Cultures	3,340	1,188	3,716	293	412	258	256	99	9,562
Virulence Tests	85	7	1	4		5	1		103
Kellogg Tests	41								41
Further Reports	293			48	27	218			586
Tuberculosis:									
Microscopic Smears	7,846	4,241	2,500	1,103	1,291	988	368	150	18,487
Guinea Pigs Inoculated	1,054	138	27	58	3	30	9		1,319
Cultures	3,640	113			12	213			3,978
Cow Blood	2,038	1,498							3,536
Mastitis	1,408	30							1,438
Agglutinations:									
Dried Blood—									
Typhoid	100	57	80	4	2	22	19	1	285
Para A	100	57	80	3		22	19	1	282
Para B	100	57	80	3		22	19	1	282
B. Abortus	100	57	39	4		22	20		242
B. Tularense	100	57		3		22			182
Whole Blood—									
Typhoid	2,035	2,403	261	93	215	186	65	10	5,268
Para A	2,035	1,736	261	93	215	186	65	10	4,601
Para B	2,035	1,738	261	93	215	186	65	10	4,603
B. Abortus	2,035	2,303	261	215	215	110	75	36	5,250
B. Tularense	2,035	896		93		110	64	6	3,204
B. Dysentery Flexner	56	49							105
B. Dysentery Shiga	53	2							55
B. Enteriditis									

TABLE I.—Continued

Routine Procedure	Number of Examinations								
Type of Specimen	Toronto	London	Ottawa	Fort William	Kingston	North Bay	Peterboro	Sault Ste. Marie	Total
Bacteriology—Cont'd									
Feces Examinations	1,320	552	136	27	77	76	29	19	2,236
Blood Cultures	2,035	1,223	49	95	168	189	85	15	3,859
(Undulant Fever)									
Gonorrhea—									
Smear Examinations	15,088	3,179	3,990	2,149	1,306	1,721	1,057	1,286	29,776
Complement Fixation	110								110
Rabies	13	1							14
Spinal Fluids	303	884	44	102	68	26	33	47	1,507
Miscellaneous	9,227	3,320	186	398	424	668	146	942	15,311
Milk	4,142	2,492	3,628	2,061	2,881	1,063	1,735	1,240	19,242
Further Tests	1,234			16					1,250
Water	10,097	3,283	4,406	3,182	1,362	1,613	1,665	4,072	29,680
Further Tests	1,205								1,205
Syphilis:									
Dark Field	191	6	1	57	5	7	1	1	269
Blood Sera—									
S. Kahn	51,067	14,508	15,020	5,952	4,047	465			91,059
P. Kahn	602	3,294	5			8			3,909
K. Wassermann	50,631	14,865	15,783	6,021	4,101	464			91,865
D. Kline	491								491
Hinton	116								116
Spinal Fluids—									
S. Kahn	2,545								2,545
K. Wassermann	2,762								2,762
Colloidal Gold	2,784	880	472	94		11			4,241
Colloidal Mastic	2,091	694	192			11			2,988
Globulin	2,797	877	481	96	43	31			4,325
Further Tests				11					11
Chemistry:									
Blood Sugar	11,944	2,099	427	214	273	238	159	392	15,746
N.P.N.	5,499	1,359		63	6	74		12	7,013
Calcium									
Cholesterol									
Milk	2,236	2,219	3,748	1,034	365	2,164	2,432	2,344	16,542
Further Tests	52	495	19	4		4			574
Water	161	17	266			82		905	1,431
Further Tests	41		12						53
Coal Samples—									
Calorific Value	155								155
Ash	159								159
Moisture	238								238
Volatile Matter	20								20
Miscellaneous	3,947	381		212			75		4,615
Liquors—									
Alcohol	1,178								1,178
Beer	219								219
Spirits	282								282
Wines	337								337
Pathology	5,348	1,231			2,306		528	202	9,615
Total Exams. for Year	224,564	75,207	56,786	24,137	20,072	11,773	9,175	11,805	433,519

Table II gives the number of specimens examined in each of the Laboratories from 1932 to 1936, inclusive. It will also be noted that this table shows the increase in the volume of work carried out in each Laboratory over the previous year.

TABLE II.

NUMBER OF SPECIMENS EXAMINED IN EACH OF THE LABORATORIES FROM 1932-1936, INCLUSIVE.

	1932	1933	1934	1935	1936	Increase Over 1935
Toronto	160,711	180,050	201,904	214,755	224,564	9,809
London	58,408	65,657	67,487	75,213	75,207	.....
Ottawa	46,662	52,173	56,957	56,468	56,786	318
Kingston	14,087	15,882	16,304	20,723	24,137	3,414
Fort William	12,531	14,152	14,934	18,666	20,072	1,406
Peterborough	7,951	8,480	7,881	8,893	9,175	282
North Bay	7,706	6,353	6,238	8,411	11,773	3,362
Sault Ste. Marie	8,058	8,219	9,572	11,926	11,805	.....

Table III shows the number of outfits, prepared and distributed from the Central Laboratory during the past year, as well as for the five preceding years. It will be noted there was an increase of 6,927 over the preceding year.

TABLE III.

OUTFITS PREPARED AND DISTRIBUTED

Outfits Sent Out	1931	1932	1933	1934	1935	1936
Bacterial Water	6,482	8,080	10,404	10,554	10,400	11,846
Diphtheria	15,108	12,669	10,079	14,496	10,709	10,177
Typhoid	4,078	3,557	3,561	4,892	3,092	3,991
Tuberculosis	17,371	14,446	17,890	15,744	15,405	20,972
Wasserman	58,638	66,681	73,941	71,525	81,879	77,914
Gonorrhoea	15,770	17,972	22,230	24,530	19,205	28,172
Blood Sugar	11,263	9,642	10,557	16,933	19,507	20,488
Non-Protein Nitrogen	4,112	4,690	5,360	6,784	9,131	9,360
Feces	2,672	1,946	2,882	3,504	3,029	3,508
Combined Blood Outfits	2,161	2,492	3,717	2,322	2,150	1,253
Widal	411	1,669	433	103	279	.....
Pathology	2,720	3,246	4,306	4,632	4,517	6,056
Dark Fields	.....	.....	755	398	397	730
Bang's Outfits	.....	.....	.....	1,041	1,150	531
Miscellaneous	.....	.....	.....	168	1,790	3,224
Total	140,786	147,090	166,115	177,626	183,640	198,222

Table IV outlines the vaccines and chemical products prepared and distributed by the Central Laboratory, with the exception of Polio Serum and Rabies Vaccine, which are prepared by the Connaught Laboratories and distributed by our Division.

TABLE IV.

Vaccines and Chemicals	1932	1933	1934	1935	1936
Typhoid Paratyphoid Vaccine, c.c....	69,340	49,810	31,170	55,890	66,260
Whooping-Cough Vaccine, c.c.....	104,070	88,825	79,885	80,260	110,525
Silver Nitrate for prevention of ophthalmia, ampoules.....	57,871	56,507	58,093	59,629	57,842
Bismuth Oxychloride, grains.....	128,152	136,728	161,034	168,096	174,237
Mercury Salicylate, grains.....	16,734	17,448	16,248	15,096	16,107
Sodium Hydroxide in the treatment of V.D.S., ounces.....	3,117	2,423	2,162	1,762	1,152
Distilled water in the treatment of V.D.S., ounces.....	49,696	57,262	55,101	50,225	53,437
Polio Serum.....	484	76	539	317	550
Rabies Vaccine.....	32	94	40	25	21
Sodium Citrate, ampoules.....	.....	.....	.....	2,482	348

Diphtheria—Nine thousand five hundred and sixty-two (9,562) swabs were examined, which is 2,667 less than in 1935. Forty-one Kellogg tests were carried out to determine the antitoxin content of patients blood. These samples were submitted from individuals who gave a pseudo-Schick test reaction.

Tuberculosis—Eighteen thousand four hundred and eighty-seven (18,487) microscopic smear preparations were prepared and stained for the presence of tubercle bacilli. A cultural examination was carried out on 3,978 specimens and 1,319 animal inoculation tests were made. The comparative study of cultural and animal inoculation test was continued, and during the past year, this study included 780 samples of urine, joint fluid and spinal fluid specimens.

Cultural—For the cultural tests, Lowenstein's medium proved to be the most satisfactory for the isolation of tubercle bacilli of human origin.

Table V outlines the results of cultural examinations on 3,667 specimens.

TABLE V.

TABLE OUTLINING THE RESULTS OF CULTURAL TESTS ON 3,667 SPECIMENS

Type of Specimen	Total Number of Specimens	Number of Positives			Number of Negatives	Percentage or Positives
		At 4 weeks	At 8 weeks	Total		
Sputa.....	1,903	181	86	267	1,636	14.03
Urine.....	727	71	21	92	635	12.65
Right ureter.....	182	8	6	14	168	7.69
Left ureter.....	177	3	4	7	170	3.95
Pleural fluid.....	278	21	11	32	246	11.47
Bone and joint fluid....	117	12	8	20	97	17.09
Pus.....	74	11	6	17	57	22.97
Ascites.....	32	1	0	1	31	3.12
Spinal fluid.....	85	11	10	21	64	24.70
Miscellaneous.....	92	5	2	7	85	7.60
Total.....	3,667	324	154	478	3,189	
Per cent. positive.....		8.83 (67%)	4.2 (33%)			13.03
Guinea pig positive, culture negative				6		
Total positive.....				484		
Total % of positive.....						13.2

It can be seen from the above table, that 13.2 per cent. of the specimens examined, yielded the presence of tubercle bacilli. It will also be noted that 8.83 or 67 per cent. of the specimens yielding tubercle bacilli, were found positive after four weeks incubation, while 4.2 or 33 per cent. were positive after eight weeks.

Of the 368 pleural fluids received at the Central Laboratory, in addition to these specimens being culturally tested for the presence of pyogenic organisms, T. B. cultural tests were also carried out. Table VI outlines the results of these examinations.

TABLE VI.

PLEURAL FLUIDS EXAMINED

(Oct. 1st, 1935, to Sept. 30th, 1936)

Tuberculosis Positive on direct smear	12
Tuberculosis Positive on direct smear, haem. staphylococcus aureus	2
Tuberculosis Positive on direct smear, pneumococcus	4*
Tuberculosis Positive on culture	21
Tuberculosis positive on culture, haemolytic staphylococcus aureus	7
Tuberculosis Positive on culture, haemolytic staphylococcus aureus streptococcus viridans	1
Tuberculosis Positive on culture, B. proteus	1
Haemolytic staphylococcus aureus	36
Haemolytic staphylococcus aureus, non-haemolytic streptoccocus	3
Haemolytic staphylococcus aureus, pneumococcus	3
Haemolytic staphylococcus aureus, B. coli	1
Haemolytic staphylococcus aureus, haemolytic streptococcus	1
Haemolytic streptococcus	13
Non-haemolytic streptococcus, streptococcus viridans	3
Pneumococcus	54
Spore bearing bacilli	18
B. coli 7, H influenza 1, B pyocyaneus 3, B. alkaligenes, 1	12
No growth	176
*Same patients.	368

Table VII outlines the results of the comparative study on specimens on which cultural tests were controlled by animal inoculation.

TABLE VII.

TABLE SHOWING 780 SPECIMENS ON WHICH CULTURAL TEST WAS CONTROLLED BY GUINEA-PIG INOCULATION

Type of Specimen	Total Number	Guinea Pigs		Cultures	
		Negative	Positive	Negative	Positive
Urine	166	133	33	131	35
Right ureter	178	168	10	166	12
Left ureter	167	163	4	160	7
Bone and joint fluid	88	73	15	74	14
Pus	38	28	10	28	10
Ascites	27	25	2	26	1
Spinal fluid	75	60	15	55	20
Miscellaneous	41	35	6	33	8
Total	780	685	95	673	107

It can be seen from the above table, 107 specimens yielded positive results with the cultural test, while animal inoculation tests yielded 95.

Table VIII is an analysis of the results obtained in Table VII.

TABLE VIII.

TABLE SHOWING THE TYPE OF SPECIMEN IN WHICH CULTURAL EXAMINATION WAS POSITIVE AND GUINEA-PIG INOCULATION NEGATIVE, OR VICE-VERSA

Type of Specimen	Culture Positive Guinea Pig Negative	Culture Negative Guinea Pig Positive
Urine	3	1
Right ureter	2	0
Left ureter	4	1
Bone and joint fluid	1	2
Pus	1	1
Ascites	0	1
Spinal fluid	5	0
Miscellaneous	2	0
Total	18	6

Spinal Fluids—(Bacteriological examination)—Table IX is an analysis of our results in connection with the examination of 303 spinal fluid specimens received at the Central Laboratory.

TABLE IX.

SPINAL FLUIDS EXAMINED IN YEAR 1936

BACTERIOLOGICAL FINDINGS

Total number examined	303
Negative findings	84
Pathological findings	219

	No.	Per Cent.
Gram negative bacillus belonging to the Proteus Group	1	.46
Staphylococcus aureus hemolyticus	8	3.65
Pneumococcus	9	4.11
Meningococcus	10	4.57
Streptococcus hemolyticus	12	5.48
Influenza Bacillus	12	5.48
Tubercle Bacillus	21	9.59
Cell count increased, no predominating type of cell. No diagnosis	29	13.24
Polymorphs predominating cell. No diagnosis	37	16.89
Lymphocytes predominating cell. No diagnosis	80	36.53

Of the 9 spinal fluids reported, Pneumococcus, it was found the organisms belong to the following types according to the Neufeld Method:

Pneumococcus Type I	1
Pneumococcus Type III	2
Pneumococcus Type IV	1
Pneumococcus Type V	I
Pneumococcus Type VII	1
Pneumococcus Type XVII	1
Pneumococcus Type XXII	2

Of the 21 spinal fluids reported Tubercle Bacilli present, the diagnosis was made as shown in the following table:

Microsopic	+	Guinea Pig	+	Culture	+	4
"	+	" (not done)		"	+	1
"	—	"	+	"	+	9
"	—	"	+	"	(not done)	1
"	—	"	—	"	+	6

Microscopic + 5. Guinea Pig + 14. Culture + 20.

Milk and Water—The number of milk and water specimens examined during the past year has again shown an increase. The Central Laboratory was one of the co-operating laboratories selected to carry out investigational work in connection with various media for the presumptive tests on the bacteriological examination of water samples. Two of the Branches, namely, Fort William and North Bay, also co-operated in this study. Dr. A. J. Slack, Director of Institute of Public Health, London, is a member of the Standard Methods Committee of the American Public Health Association on milk and dairy products.

Rabies—Fourteen dog's heads were examined for this infection. Rabies infection was not detected in the Province during the past year. In connection with this examination, the Seller's stain is used for staining smears. Animal inoculation tests are carried out on portions of the brain emulsion.

Miscellaneous—Miscellaneous examinations have again shown an increase of 1,335 specimens. The Central Laboratory has shown a decided increase in the number of specimens received on which pneumococcus typing results were requested. Table X shows the incidence of pneumococcus types identified in the various specimens received during the past year.

TABLE X.

INCIDENCE OF PNEUMOCOCCUS TYPES IN VARIOUS SPECIMENS

(Jan. 1, 1936, to Dec. 31, 1936)

Type	Sputum	Pleural Fluid	Spinal Fluid
1	34	34	1
2	12	4	
3	34	1	
4	16	1	1
5	13	3	1
6	17	2	
7	14		1
8	26	2	
9	5		
10	8		
11	3		
12	11	2	
13	4		
14	2	1	
15	9		
16	1		
17	8	1	
18	3		
19	13	2	
20	8	2	
21	3		
22	6	1	1
23	9		
24	5		
25	2		
27	2		
28	12		
29	5		
31	11		
32	1		
Undetermined	15	1	
Totals	312	57	5

Peritoneal fluid type 1	1
Peritoneal fluid type 13	1
Pericardial fluid type 1	1
Eye type 6	1
Blood culture type 5	1

Total Number of Isolations—

Sputum	312
Pleural fluid	57
Spinal fluid	5
Miscellaneous	5
Total	379

Colon Typhoid—Two hundred and eighty-five specimens of dried blood were examined for typhoid. Dried blood specimens do not afford the laboratory worker an opportunity of making a reliable examination. The routine carried out in connection with the examination of whole blood specimens has been continued, with the addition of rapid slide agglutination tests.

Table XI outlines the results of the whole bloods examined at the Central Laboratory, and the results of same from the year 1929 to 1936, inclusive.

TABLE XI

ANALYSIS OF WHOLE BLOOD EXAMINATIONS MADE FROM THE YEAR 1929 TO 1936 (inclusive).

Year	Number Examined	B. Typhosus		Para B.		Br. Abortus	
		Number Positive	Per Cent Positive	Number Positive	Per Cent. Positive	Number Positive	Per Cent. Positive
1929	669	100	15.9	8	1.2	29	4.3
1930	1,125	193	17.1	30	2.7	54	4.8
1931	1,985	245	12.3	184	9.3	75	3.8
1932	1,373	169	12.3	43	3.1	64	4.7
1933	2,227	129	5.8	60	2.7	67	3.0
1934	2,155	218	10.1	66	3.0	80	3.7
1935	2,195	360	16.4	66	3.0	84	3.0
1936	2,035	196	9.1	72	3.5	73	3.6

Table XII outlines the blood culture results for the year 1936.

TABLE XII.

BLOOD CULTURES EXAMINED DURING 1936.

	Number Examined	Number Positive	Per Cent. Positive
B. Typhosus	2,035	35	1.72
Paratyphoid B.	2,035	14	.68
Streptococcus viridans	2,035	17	.83
Staphylococcus aureus	2,035	45	2.2
Pneumococcus	2,035	3	.14
Alc. Faecalis	2,035	1	.049
Haemolytic streptococcus	2,035	34	1.67
Non-Haemolytic Streptococcus	2,035	3	.14

Table XIII is an analysis of the results in connection with whole blood examinations for the year 1936.

TABLE XIII.

TABLE SHOWING THE WHOLE BLOODS EXAMINED DURING 1936.

	Number Examined	Number Positive	Per Cent Positive
B. Typhosus	2,035	196	9.06
Para B., and Para B. group	2,035	72	3.53
Br. abortus	2,035	73	3.58

Syphilis (Serodiagnosis)—During the past year, some investigational work was launched relative to fixation test methods. An electroscopometer was placed in this Laboratory for the determination of total protein in spinal fluids. A report of the investigational work carried out in this connection will be available in the next annual report. The manner in which specimens are reported has been changed in accordance with the standard recommendations. The results of the tests are reported as either negative, positive, or doubtful. Quantitative Kahn tests are made on blood serum from treated cases of syphilis where the physician desires such.

Chemistry—The work in the chemistry department has again increased. The volume of work necessitated the appointment of a junior chemist. Experimental work relating to the phosphates content of pasteurized milk is being made.

I would like to again express my appreciation to the members of the staff of the Central Laboratory, and the directors and staffs of the Branch Laboratories, for the very hearty co-operation during the past year. Might I again express my deep appreciation to Dr. James Miller and to Dr. A. J. Slack.

A brief report by each Director of the Branches follows:

Pathology

During the year 1936 there has been a still further increase in the number of specimens reported upon by this Laboratory. The specimens reached a total of 5,967, or almost 500 per month. The steady and progressive increase in the number of specimens received (chart I) reflects the appreciation of this service by the smaller hospitals and by the pratitioners throughout the Province of Ontario to whom the Department of Health has made it so readily available.

Because of the large turnover of specimens in the Central Laboratory and because of the modern equipment it is possible to offer a diagnosis upon a specimen within 24 hours of its arrival at the Laboratory. In this way the final diagnosis in many cases is available to the hospital as rapidly as if the tissues had been prepared for examination by slower methods on the premises. In urgent cases the diagnosis is wired, if so requested.

During the year specimens have been received from 200 communities. These are widely spread throughout Ontario, so that the services of this Laboratory are being utilized by all sections of the Province. An increasing number of hospitals have made it a routine procedure to forward all surgical

specimens, for microscopic analysis. This stimulates more accurate clinical diagnosis and also completes the clinical records of their cases. In addition many practitioners in rural districts have forwarded specimens from puzzling cases.

The scope of this Laboratory embraces the diagnosis of all manner of lesions in human tissues. The pathological processes encountered run all the way from congenital anomalies to inflammations, necroses, pigmentations, cysts, metaplasias and tumors. The specimens submitted include surgical, biopsy and autospy materials.

One of the phases of the work of this Laboratory has to do with the problem of cancer, and more particularly to aid the practitioner in the early diagnosis of malignancy. The histological examination of tissues from a suspected area offers the earliest positive diagnosis of malignancy or of impending malignancy. By this method the changes occurring within individual cells may be studied, together with the behaviour of the suspected cells in relation to the adjoining tissues. Nor is it a simple matter for the pathologist to determine just when malignancy begins. The transition from active hyperplasia to malignancy is not sharply defined. Full blown malignant qualities do not appear in the matter of a few minutes, but extend over months or even years. There are, therefore, border-line cases encountered of which the correct interpretation required much time, much skill and much effort. These are the important cases for intensive study, for by the early recognition of malignant change the chances of a cure are greatly enhanced. The patients and the practitioners are recognizing this and this Laboratory is receiving an increasing number of specimens showing early stages of malignancy. If all cases of cancer could be diagnosed and treated while the condition remained localized the appalling mortality of those in the prime of life would be greatly reduced.

During the past year, 1,536 of the specimens examined were of neoplastic character. In an additional 120 cases where a clincial diagnosis of malignancy had been made, we were able to rule out this possibility. These specimens of tumors and suspected tumors comprised 27.75 per cent of all those examined. In many instances specimens were received without any clincial diagnosis, so that the actual number of specimens in which malignancy was suspected is probably much greater. The ruling out of the possibility of malignancy in the 120 cases above noted is of nearly as great importance as was the determining of its presence in 23 cases where clincially the lesion was thought to be benign. In the former cases it not only removed the dread of cancer from the minds of those patients concerned, but also spared them from serious, crippling and expensive operations. In the latter cases it promoted the recognition of cancer before it had become widespread. Some of the conditions mistaken for malignancy were Chronic Cervicitis, Endometrial Hyerplasia, Chronic Mastitis, Fat Necrosis, Chronic Ulcers, Epidermoid Cysts, Tuberculosis, and Chronic Inflammation. We regard such specimens as indicating an alertness on the part of the general practitioner to recognize cancer in its earliest stages with a view to undertaking treatment before the full blown stigmata of malignancy have developed and while there is good hope for a cure. There were 23 cases in which the cancerous nature of the condition had not been recognized clinically. Ten of these cases represented cancer of the breast which had been regarded clinically as chronic mastitis or as fibroma. Two cases looked upon as osteomyelitis proved to be osteogenic sarcoma, and another lesion regarded as a granuloma proved to be a melanotic sarcoma. A small lump of one week's duration removed from

the buccal nucous membrane as a mucous cyst was found to be an adenocarcinoma.

The incidence and distribution of the tumors is shown in Table I. Of the 1,536 specimens of tumor, 595 or 38.74 per cent. were malignant, and 941 or 61.26 per cent. were benign. Of the malignant tumors, 357 or 60 per cent. were in females, and 238 or 40 per cent. were in males. In females the tissues or organs most commonly affected were breast, uterus, skin and ovaries accounting for 68.34 per cent. of all malignant tumors. In males the tissues or organs most frequently involved were skin, intestine, lip and prostate, accounting for 50.83 per cent. Among some of the more interesting tumors were three cases of sarcoma of endometrial stroma, two cases of chorioepithelioma and a case of secondary carcinoma of the umbilicus. There were also cases of lymphosarcoma of intestine in a boy 9 years of age; granulosa cell tumor of ovary in a girl of 7; and osteogenic sarcoma in a boy of 12 which had been regarded clincically as osteomyelitis. In a child of 5 months we encountered a myxosarcoma of the neck which had clinically been regarded as a tuberculous lymphadenitis.

The incidence of tissues examined other than those relating to tumors is shown in Table II. Some of the more interesting of these include two cases of tuberculosis of the tongue, and one of actinomycosis of the tongue. One very interesting specimen of supposed miliary tuberculosis of the omentum in a young girl proved to be a talc granuloma, and it was subsequently learned that she had had two previous operations. Three cases of endometriosis of the abdominal wall were observed in addition to a number of cases of the same condition affecting the pelvic organs and the appendix. One case was found of death resulting in an infant from massive haemorrhage into both adrenals. The histological examination of surgical specimens has not only afforded an accurate diagnosis but in a number of instances has indicated further appropriate treatment for the individual case.

TABLE I.

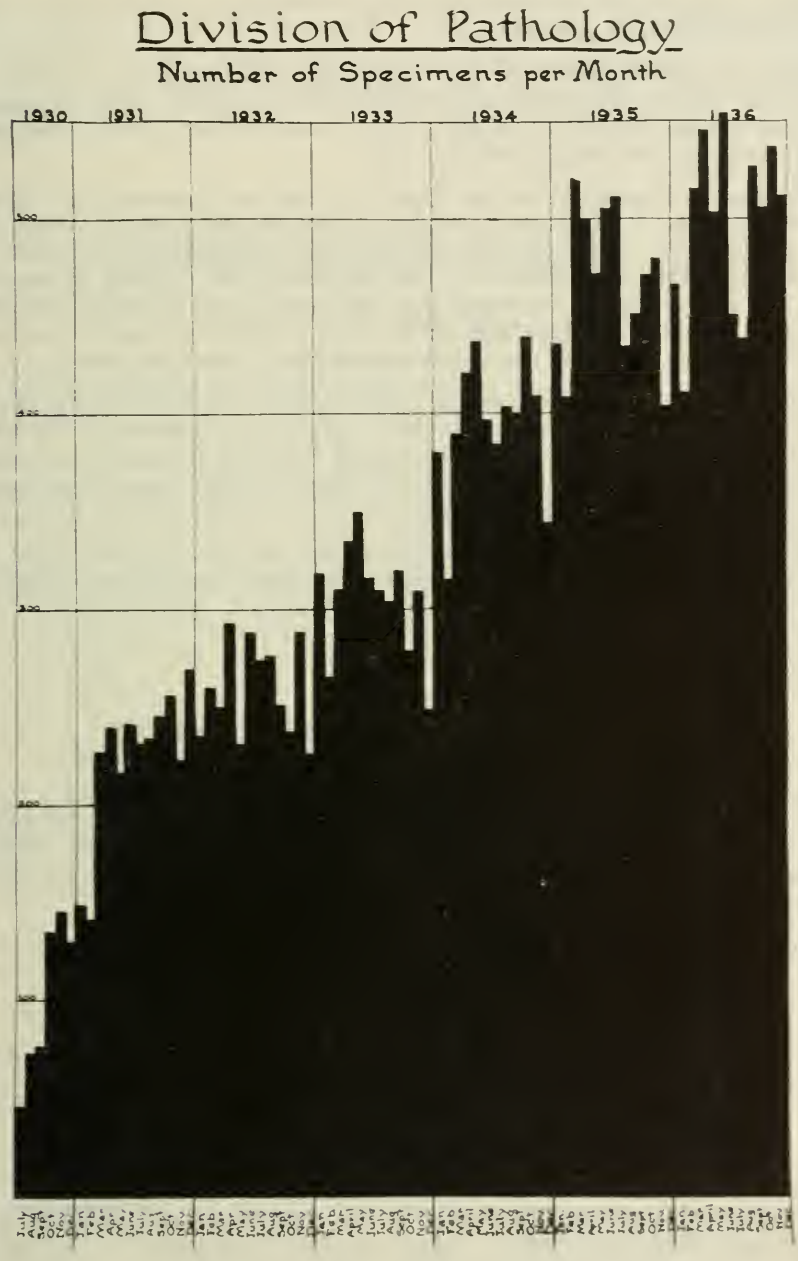
SPECIMENS SHOWING TUMOUR

1936

	Benign		Malignant	
	Male	Female	Male	Female
Nose	6	8	2	2
Lip	3	6	26	4
Tongue	1	6	2	1
Mouth	8	14	7	2
Tonsil	2	1	—	—
Salivary Gland	—	—	6	10
Adamantinoma	—	—	2	—
Larynx	5	1	1	—
Oesophagus	—	—	1	—
Stomach	—	—	2	2
Intestine	7	7	27	10
Appendix	—	—	1	3
Gall Bladder	—	—	1	1
Skin	38	28	56	43
Naevus Type	9	19	4	10
Subcutaneous Tissues	36	46	2	4
Breast	—	85	—	115
Uterus	—	226	—	34
Cervix	—	90	—	36
Ovary	—	41	—	16
Prostate	49	—	12	—
Testis	—	—	7	—
External Genitalia	2	6	6	8
Kidney	—	—	5	1
Adrenals	1	—	2	—
Bladder	—	1	10	3
Thyroid	26	83	1	1
Nerve and Brain	2	6	4	4
Bone	6	5	5	4
Lymph Nodes	—	—	6	5
Endothelioma	15	30	1	2
Eye	—	—	2	—
Conjunctiva	1	—	—	—
Lung	—	—	2	—
Giant Cell Tumour (tendon)	3	2	—	—
Hodgkins	—	—	4	—
Epulis	1	8	—	—
Secondary Carcinoma	—	—	23	23
Miscellaneous	—	1	8	13
	221	720	238	357

Total Benign Tumours	941
Total Malignant Tumours	595
Total Tumours	1,536

CHART I.


Division of Pathology
Number of Specimens per Month
1930
1931
1932
1933
1934
1935
1936

RICHARDSON LABORATORY, QUEEN'S UNIVERSITY, KINGSTON

PROFESSOR JAMES MILLER, M.D., Director

I beg to submit the statistics of the work done by the Kingston Branch Laboratory during the past year.

When the total number of examinations carried out and reports issued is added to total of the outfits distributed and the insulin requests responded to a figure is obtained which is slightly in excess of that of the previous year —30,326 as compared with 29,945 in 1935.

The steady diminution in the number of swabs examined for diphtheria has continued and is of course a health sign of the amount of throat trouble in the community. The number of sputums examined for tubercle bacilli has also diminished considerably. On the other the number of smears examined for gonococci has increased and there has been a marked increase in the number of milk samples dealt with. The number of bloods examined for the Widal and Wassermann tests has remained very much the same.

The increase in the number of milk examinations is worthy of special notice as this department of the work is particularly laborious. In addition to the actual tests done the laboratory staff have spent much time in giving advice to the various milk vendors and dairy owners who have met with problems in the course of their work.

I should like to express my gratitude to you, Sir, to the Minister of Health and to Dr. MacNabb for your cordial co-operation and for your response to our request for material and monetary assistance.

FORT WILLIAM BRANCH LABORATORY

DR. J. W. BELL, Director

I have the honour to submit herewith the tabular report of examinations made in the Fort William Branch Laboratory during 1936. A total of 24,137 specimens were examined, an increase of 5,479 or approximately 30% over the previous year.

The increase is distributed as follows:

Sputa for tuberculosis	199	or 21%
Agglutinations for the typhoid group	67	or 12%
Smears for gonococcus	733	or 52%
Milk plate counts	85	or 4%
Wassermann and Kahn tests	4,044	or 51%
Water for B. coli	177	or 6%
Blood Sugars	121	or 130%
Blood Ureas	46	or 270%
Spinal Fluids	157	or 116%
Other examinations	110	

As for 1936 considerable increase in the number of examinations for the venereal disease has taken place. Much of this is accounted for by the opening up of the mining areas of the district and the submission of routine blood specimens by mine physicians. A part also of the general increase in work has come from the mining area, and it is hoped that the physicians in the unorganized territory will take still further advantage of facilities of this Laboratory.

Decrease of 220 and 40 specimens of swabs for diphtheria and faeces for typhoid respectively are to be noted, probably due to the absence of epidemics of these diseases from this area this year.

In addition to the work reported above this Laboratory has been conducting experiments in collaboration with and under the direction of Mr. M. H. McCrady of the Quebec Bureau of Hygiene on methods of water analysis. Forty-six specimens were examined involving some 3,500 separate examinations.

PETERBOROUGH BRANCH LABORATORY

DR. C. B. WAITE, Director

I have the honour to submit my report for the Branch Laboratory, Peterborough, for the year 1936, as follows:

There has been an increase of 282 specimens during the year. This is due chiefly to an increase in the number of milk and water specimens examined. There was also an increase in the tissues examined. We examined more throat swabs for the presence of diphtheria and there were six positives, mostly amongst adults, except in one case where a mother developed diphtheria and subsequently two of her children. There were more agglutination tests, amongst which was one positive for Para Typhosus B. and six for typhoid. Practically all of these were contracted in small communities or at a summer resort.

All of the bacteriological examinations of stools were carried out on convalescent typhoid patients. The physicians are apparently unaware of the value of stool examinations in the diagnosis of the enteric group of diseased. Although each summer there are many cases of gastro-enteritis, none of these in this district have been investigated bacteriologically and it is exceptional to be asked to examine a stool for the presence of dysentery organisms or to do any agglutination tests for the purpose of diagnosis of the dysentery group In cases of gastro-enteritis in which the laboratory has been asked to help in diagnosis, it was invariably agglutinations for the enteric diseases which were asked for.

I therefore believe that it would be of some value to send out a circular letter in the spring of the year drawing the attention of the physicians to the value of stool cultures in the diagnosis of the enteric diseases and cases of gastro-enteritis.

My technician still is very much overworked and is really doing more work than he should be expected to do. This condition of affairs certainly calls for correction at the earliest opportunity. Our secretarial service is at present half-time and is taxed to the utmost. There is frequently no time for correspondence, all the time taken up with routine reports.

I wish to thank the director for his co-operation and assistance during the year.

All of which is respectfully submitted.

NORTH BAY BRANCH LABORATORY

Dr. W. M. Wilson, Director

I have the honour to submit herewith a report of the examinations made during the year nineteen hundred and thirty-six in the Branch Laboratory at North Bay.

During the past year a total of eleven thousand, seven hundred and seventy-three (11,773) examinations were made. This represents an increase over nineteen hundred and thirty-five of three thousand, three hundred and sixty-two (3,362), (39.9 per cent.).

Further consideration of the figures for the year nineteen hundred and thirty-six show that this increase is made up largely by a rather general increase in all types of examinations. Part of this increase, however, is due to the fact that in the last quarter of nineteen hundred and thirty-six, Serology was established as a routine in this Branch.

In this Laboratory the Kahn and Kolmer Wassermann tests are being done on all specimens of blood and spinal fluids and the colloidal gold, collodial mastic and globulin tests are also done on spinal fluids.

The number of swabs submitted for examinations for diphtheria bacilli shows a small increase. Only five cultures showed the presence of typical or a typical organisms. Virulence tests on all five cultures proved to be avirulent. The distribution of Toxoid appears to be an important factor in the control of diphtheria in this district. The number of specimens of sputa submitted for examination during nineteen hundred and thirty-six has a little more than doubled the number done in nienteen hundred and thirty-five. Part of this increase is doubtless due to the fact that the Department of Tuberculosis Prevention has established a clinic with headquarters in North Bay under the direction of Doctor E. R. Harris.

The number of dried bloods submitted for the agglutination test shows a small decrease while the number of whole bloods is markedly increased. We have attempted to encourage the use of whole bloods rather than dried bloods by the physicians. The response to this effort has been quite general on the part of the medical practitioner.

In the following tables I submit the difference in the number of specimens examined during nineteen hundred and thrity-five and nineteen hundred and thirty-six and the percentage changes.

EXAMINATIONS SHOWING INCREASE

	Increase No.	Percentage
Diphtheria Direct Smears	27	11.7%
Diphtheria Cultures	27	11.7%
Further cultures on diphtheria swabs	58	36%
Tuberculosis Smears	551	126%
Guinea pigs inoculated	6	25%
Cultures (tuberculosis)	98	85%
Agglutinations (Whole Bloods)	120	181.8%
Faeces	52	216%
Blood Cultures	126	200%
Gonorrhoea smears	587	51.7%
Spinal Fluids (bacteriological)	11	73%
Miscellaneous specimens	307	85%
Water	144	9.9%
Dark field	5	250%
Blood Sugars	77	47.8%
N.P.N.	49	196%
Miscellaneous Chemistry Urea Nitrogen, Van den Bergh, et cetera	12	17%
Outfits prepared	3,842	158%
Outfits distributed	4,266	50%
Examinations showing Decrease		
Dried Bloods	8	16.6%
Milks	70	6.2%

I wish at this time to express my appreciation of the co-operation received in this work from the members of the staff of this Laboratory and from the staff of the Central Laboratory in Toronto. I wish to especially express my gratitude to the Director of Laboratories, Doctor A. L. McNabb for all his interest and valuable assistance. This has been a great factor in the improvement which has been made this year.

SAULT STE. MARIE BRANCH LABORATORY

DR. N. F. W. GRAHAM, Director

In reviewing the work of the Laboratory or the year 1936, there is seen to be a slight decrease in the number of milk samples examined due to the fact that there are four pasteurizing plants in the City and eight fewer milk distributors. These latter ship to one pasteurizing plant. All plants now leave a bottle of milk every day of their own free will for regular check on their milk and are notified should the bacterial count rise thereby assuring control. The Local Board of Health regularly publish the count, sedimentation test and fat control.

The slight decrease in water analysis this year was due to the fact that the Sanitary Inspector was unable to cover the summer camps and tourist resorts as before. Also no night collection of samples of water were taken this year from Great Lakes vessels calling at this port.

Only one case of typhoid was found in Algoma District this year and on one throat swab showing any diphtheria, and that not in pure culture. There was one case of Tetanus in the district, no smallpox Poliomyelitis this district

has seen which took much of your Director's time for the month of September and part of October in doing spinal punctures and cell counts. Some of the cases called for drives of twenty miles into the country. Out of 54 cases residual paralysis occurred in six in the City and District. There were no deaths. Approximately 182 vials of Convalescent Sera was distributed.

Considerable time has been spent this year in blood grouping for transfusion and many times assisting with the transfusion. A large number of blood counts, haemoglobin estimations, differential bloods and some sedimentation tests. An increase is noted in pathological tissue examinations. Considerable time has gone to lecturing nurses in training school, and writing indigent Diabetic and other diets.

Out of a total of 11,805 specimens examined the following precentage increases are noted:

Blood Cultures	66 2/3%
Smears for Gonococcus	48%
Spinal Fluids	500%
Miscellaneous (Bact.)	7%
Blood Sugars	57%
Miscellaneous (Chem.)	12%
Tissue Examination	6%

Two important dairy herds were examined for the presence of Undulant Fever. Only one case was discovered in each herd.

During the year 3,457 outfits were prepared and 3,096 were distributed.

Therapeutic and Prophylactic preparations as follows were distributed:

Diphtheria Antitoxin	179,000 units
Diphtheria Schick Test packages	1
Diphtheria Toxid sufficient for	449 persons
Tetanus Antitoxin	520,000 units
Scarlet Fever Antitoxin	494,000 units
Scarlet Fever Dick Test Pckgs	3
Scarlet Fever Toxin sufficient for	68 persons
Smallpox Vaccine	490 tubes
Silver Nitrate Ampoules	205 ampoules
Typhoid Para Typhoid Vaccine	13 vials
Pertussis Vaccine treatment	2 vials
Pertussis Vaccine Prophylactic	2 vials
Insulin 10cc vial 200 units	559 vials
Insulin 10cc vial 400 units	934 vials
Insulin 10cc vial 800 units	61 vials

INSTITUTE OF PUBLIC HEALTH, LONDON

DR. A. J. SLACK, Director

I beg to submit herewith a report of the laboratory examinations made during the year 1936 by the Branch Laboratory of the Department located in the Institute of Public Health, London. The total number of examinations is 75,207 which is practically the same as during the previous year when 75,213 examinations were made. Analysis of the figures shows no remarkable increase or decrease in any particular line of laboratory work. It is perhaps worthy of note that unavoidable absence from duty over extended periods, due to illness, depleted our staff to a greater extent than during any previous year.

We wish to express our appreciation for the aid extended by the Central Laboratory and the Division of Public Health Education in the preparation of an exhibit on "Laboratory Services to Physicians" which was shown during the annual meeting of the Ontario Medical Association.

It is also my privilege to again express my appreciation for the unfailing interest and co-operation extended to this Laboratory by Dr. MacNabb, Director of Laboratories.

OTTAWA BRANCH LABORATORY

DR. F. L. LETTS, Director

I have the honour to submit herewith our annual report of specimens examined at this Branch Laboratory in 1936.

Our total of 56,786 specimens for 1936 is only 318 more than the number for 1935. Probably the only significant increase is that of diphtheria cultures from 3,166 in 1935 to 3,716 in 1936; due chiefly to a few neglected foci in out-of-the-way places. The increase of 300 in specimens for T.B. and the decrease of 500 in those for G.C. may indicate variations in the activity of physicians rather than of disease. Examinations for the typhoid-dysentery group continue to be few in number. The points of origin of the specimens of milk and of water indicate a pretty fair check on these supplies throughout Eastern Ontario.

The preparation and distribution of diagnostic outfits and the distribution of therapeutic and prophylactic preparations still require a large proportion of our time and labor.

SIXTY-NINTH ANNUAL REPORT

OF THE

HOSPITALS DIVISION
DEPARTMENT OF HEALTH

UPON THE

Ontario Hospitals for the Mentally Ill, Mentally Subnormal and Epileptic

OF THE

PROVINCE OF ONTARIO
FOR THE YEAR ENDING MARCH 31st, 1936

PRINTED BY ORDER OF
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TO THE HONOURABLE HERBERT ALEXANDER BRUCE

Lieutenant-Governor of the Province of Ontario

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to present the Sixty-ninth Annual Report on the Hospitals Division, Department of Health, upon the Ontario Hospitals for the Mentally Ill, Mentally Subnormal and Epileptic for the year ended 31st March, 1936.

Respectively submitted,

J. A. FAULKNER,

Minister.

HONOURABLE J. A. FAULKNER, M.D.

Minister, Department of Health,

Parliament Buildings, Toronto.

Dear Sir:

I have the honour to present herewith the 69th Annual Report of the Ontario Hospitals for the year ended March 31st, 1936.

The service rendered by the Ontario Hospitals system was further extended on March 31st, 1936 by the official opening of an Ontario Hospital at Fort William. This hospital was established to receive patients from North-Western Ontario and serves an area which includes the counties of Kenora, Rainy River, Thunder Bay and a portion of Algoma. Patients from this district were previously received at the Ontario Hospital, New Toronto. Additional bed accommodation was also provided during the year through the remodelling of old buildings at the Ontario Hospitals at Hamilton and New Toronto.

The Ontario Hospital system now includes twelve public institutions; nine for the mentally ill, one for the feeble-minded, one for epileptics and one for criminals who are mentally ill.

At the close of the fiscal year March 31st, 1936, there were 12,750 patients in residence in Ontario Mental Hospitals. There were in addition 726 patients on probation and 392 patients being supervised in approved boarding homes. The total number of patients on the books at the end of the year was, therefore, 13,868.

The increase in the total number of patients on the books of the institutions over the previous year amounted to 990 patients (7.7%). This was made possible in part by an increase in the number of patients on probation and by a very considerable increase in the number of patients placed in approved boarding homes. Nevertheless, there remained an increase in the number in residence amounting to 712 patients (5.9%.)

The policy of placing certain improving patients in approved boarding homes was first adopted in 1933 and has met with considerable success. This policy has served not only to release much needed bed accommodation in the hospitals for other patients but has also proven to be an important aid in the gradual re-establishment of recovering patients in the community.

It is hoped that the information which is to be found in this report will be of value not only to psychiatrists and others directly concerned with the problem of mental illness but to the general public whose interest and support are essential in this field of effort.

Respectfully submitted,

B. T. McGHIE, M.D.

Deputy Minister

ONTARIO HOSPITAL, BROCKVILLE

C. S. Tennant, M.D., Superintendent

1. *Relating to the care and treatment of patients:*

No important addition to the facilities for care and treatment of patients in this hospital has been made during the past year. The patients have continued to receive the same careful medical and nursing attention as was reported last year and it has been remarked that psychotherapy is receiving considerably more attention as a form of treatment.

The number of probation placements has remained practically the same, but we have added to the number of patients placed in Approved Homes.

Strenuous efforts have been made to apply occupational therapy as extensively as possible and our occupational therapist has spent a good portion of her time working with the patients on the wards.

The Out-Patient Clinic for the treatment of luetic disease has been re-established. Only those who are unable to pay and who are referred to the Clinic by their Medical Health Officer are accepted for treatment. Extensive use is being made of this facility by patients in the surrounding counties.

2. *Relating to Staff, Administration and Buildings:*

The following staff changes were made during the past year.

Doctor J. J. Weber joined the staff from the Ontario Hospital, Hamilton. Doctor D. A. Harvie resigned to take up private practice. Doctor McLean House joined the staff from the Ontario Hospital, New Toronto. Doctor C. A. Cleland was promoted to the post of Senior Assistant Physician at the Ontario Hospital, Kingston. Mr. R. T. Stratton, the painter and Mr. William Fraser, Chief Engineer and Mr. Benjamin Moulton, Porter & Messenger, were superannuated, the first named on account of illness and the last two mentioned on reaching retiring age. Miss Jessie Blyth, Dietitian, was superannuated on the grounds of ill-health. Miss M. McCormick, Social Worker, was transferred to the staff of the Ontario Hospital, Hamilton, and was succeeded by Miss Patricia Parisien. Mr. Frank Drawbridge was appointed Chief Male Supervisor. Miss Ellen M. Burgess, Occupational Therapist, resigned.

Different members of the staff have addressed Service Clubs and other organizations and General Hospitals in both Brockville and Ottawa have received the benefit of lectures from members of the staff in Psychiatry and Psychiatric Nursing.

Approximately two-thirds of the Attendants on the staff have now completed the course of training and lectures provided for them.

The new central heating plant has been in operation for almost a year and is functioning most satisfactorily.

Outside fire escapes have been installed on all six cottages and Cottage 4 has, in addition, been renovated interiorly to the extent of providing fire-proof central hall and stairway. Extensive repairs to plastering have been carried out in Cottages E and F. and both have been entirely redecorated inside.

Extensive repairs were carried out at the Engineer's Residence and it was entirely redecorated. This constitutes the main activities in the building program at the hospital during the past year.

The Mental Health Clinic has accomplished even more work than in the previous year, especially in follow-up work with patients discharged from hospital. The total number of cases receiving attention through the Clinic has been somewhat increased. A French-speaking Social Worker on the Clinic staff has, without doubt, enabled them to do much better work with French-speaking people.

ONTARIO HOSPITAL, COBOURG

George C. Kidd, M.B., Superintendent

Relating to the care and treatment of patients:

During the year fifty-nine patients from this hospital were placed on probation, and also ten patients were placed in approved homes. In addition, eight patients were transferred to Lorimer Lodge and Oxley House (Toronto). I would like to extend to the Board of Governors and Officers of these two Colony Houses our sincere appreciation for their assistance in the direction and placing of girls.

Relating to Staff, Administration and Buildings:

Dr. E. A. James was transferred to the staff of the Ontario Hospital School, Orillia. Dr. W. H. Gauld was transferred from the Ontario Hospital, Woodstock, to the staff of this hospital, replacing Dr. James. Miss E. J. Gunn, matron was superannuated April 30th, 1935. Miss Gunn had been in the Ontario Hospital service for a great many years and had proved herself to be a most efficient and able civil servant. John Sheppard was transferred to the staff of the Ontario Hospital, New Toronto, as cook, being replaced by Arthur Winterton. The latter was later transferred to the Toronto Psychiatric Hospital and Edwin Faulkner, on the staff of the latter hospital, was appointed to this hospital as chef. Miss Margaret Daley, psychological interne was transferred to the Ontario Hospital, Toronto.

Associated with the training school a mending room has been established in conjunction with the laundry. There has also been established a mattress-making department.

ONTARIO HOSPITAL, HAMILTON

J. S. Stewart, M.D., Superintendent

1. *Relating to the care and treatment of patients:*

The building known as East House, which has been completely renovated, fire-proofed and refurnished, was occupied on August 12th, 1935. One half of this building has been set aside as an Examination Unit and there have been admitted to the Examination Unit during the portion of the past fiscal year one hundred and seventeen (117) male patients and fifty-five(55) female patients, being a total of one hundred and seventy-two(172) patients. Of these one hundred and seventy-two admissions forty-two(42) were sent in on one certificate by physicians and one hundred and thirty (130) were remanded by the Magistrate for Examination. Of the one hundred and thirty remanded by the Magistrate eighty - two (82) were returned to court as being responsible for their actions and forty-eight (48) were certified as being mentally ill and admitted to hospital.

During the past year the Amusement Hall has been made a recreation centre for patients and for staff. Four bowling alleys have been installed and these are in daily use by male and female patients on alternative days. The library in the basement of the amusement hall has been thrown open to patients and a canteen has been established which is now on a paying basis. With the proceeds from the canteen fund orchestras have been engaged for patients' dances and it is proposed with proceeds to further augment the library which is badly depleted.

During the past year informal sing-songs have been held twice weekly on the female wards. These are conducted by the Occupational Therapy Department and are greatly enjoyed by the patients. The Occupational Therapy Department have also produced concerts, of patient talent in the Amusement Hall.

The number of boarding-out patients has been increased to twenty-one and it is hoped to double this number during the coming year. Very little difficulty has been experienced with patients placed in boarding-homes. During the past fiscal year seven hundred and forty-four (744) visits to boarding-out patients were made by the Mental Health Clinic.

2. Relating to Staff, Administration and Buildings:

During the past year the following changes in the Senior Staff and Heads of Departments have been made:

Dr. G. H. Hutton proceeded in September 1935 to the Psychiatric Hospital. Dr. Hutton was replaced on the staff by Dr. G. A. Mellow who reported for duty on August 26th, 1935. Mr. G. Gleeson was appointed storekeeper on June 1st, 1935, replacing Mr. A. N. Moore, retired and superannuated.

The prescribed course of lectures for Attendants has been conducted throughout the year by Dr. J. R. Howitt, Senior Assistant Physician.

Continuing the policy of maintaining contact with physicians and social organizations, it has been our custom to notify the parties interested when patients in whom they are interested, at present in the hospital, are about to be conferenced. This pertains more particularly to those patients in the Examination Unit.

A meeting of the Hamilton Academy of Medicine was held at this hospital in November, 1935, the programme being provided by the hospital staff. It is hoped that this meeting may be an annual occurrence.

Tentative plans are under way for regular inter-hospital staff conferences between the staffs of the Hamilton Sanatorium and the Ontario Hospital. It is planned that these conferences should begin in the very near future.

Many papers and addresses were given during the year by members of the hospital staff, including Dr. J. S. Stewart, medical superintendent, Dr. J. R. Howitt, senior physician, Dr. N. L. Easton and Dr. H. R. Brillinger.

ONTARIO HOSPITAL, KINGSTON

T. D. Cumberland, M.D., Superintendent

1. Relating to the care and treatment of patients:

During the last year we succeeded in getting a very large percentage of patients employed with the artisans: in the laundry and sewing-room: on the farm, garden and lawns. The Occupational Therapy Department supervised the training and work of a large number of patients during the last year. The greatest benefit was derived from out-door occcupations, especially on the farm, garden and lawns.

We have endeavoured to get as many patients on probation as possible, and have also boarded out in suitable homes all patients who were suitable to be boarded out.

2. Relating to the Staff, Administration and Buildings:

Miss Catherine Russell, R.N., Assistant Superintendent of Nurses, resigned. Miss Margaret Langley, Chief Occupational Therapist, was transferred to the Psychiatric Hospital, Toronto. Dr. Gordon Telfer was transferred to this hospital from the Ontario Hospital, New Toronto. Dr. Clarence A. Buck was transferred to the Ontario Hospital, New Toronto, as Assistant Superintendent. Miss Catherine Stewart, psychologist resigned and was replaced by Miss Mary Davidson. Miss Esther Rothery, R.N., Superintendent of Nurses, was transferred to the Department of Health Toronto. Dr. Charles A. Cleland was transferred to this hospital, as Assistant Superintendent, from the Ontario Hospital, Brockville.

During the last year the remodelling of Beechgrove was completed. It is now a fireproof building with hot water heating and all modern conveniences. The Eye, Ear, Nose and Throat Clinic is situated in this building. It is well equipped and offers every facility for the examination and treatment of patients. The Dental Clinic is also located in this building. It is well equipped and the dentist has every facility to give excellent service at this hospital. The X-ray Department has just been completed and it is now unnecessary to take patients to the General Hospital to be X-rayed. The Laboratory has been remodelled in this building. It is convenient, and meets all the requirements for routine examinations at this hospital. The Autopsy-room has ben remodelled. The old unsanitary conditions associated with it have been eliminated.

A unit has been established in this building for cases of acute physical illness, also for post-operative cases.

The old operating-room has been completely remodelled, and made modern and up-to-date in every way. A sterilizing-room, a preparation-room and a physicians' room have been added. It also offers an excellent opportunity for the teaching of medical students at Queens University.

Some remodelling was done on Ward Nine, making this part of the building more fireproof.

ONTARIO HOSPITAL, LONDON

G. H. Stevenson, M.D., Superintendent

1. Relating to the care and treatment of patients:

The placing of patients in approved homes has continued during the year so that at the end of the fiscal year we have 72 patients being cared for in this manner, 23 men and 49 women. This method has been entirely satisfactory and we feel it is a valuable addition to our facilities.

We have segregated all our positive wassermann cases in a ward in the North Building and have constructed a treatment room adjoining it from the large hall in the centre of this building. This makes for much more satisfactory care and treatment of this group of patients.

Arrangements have been made whereby our Dentist now gives us four half days a week instead of three as formerly.

2. Relating to Staff, Administration and Buildings

Dr. J. B. Aiken resigned on June 30th, 1935 to take rotating interneship at Victoria Hospital, London. Dr. B. R. Etherridge was transferred from the Ontario Hospital, Cobourg, to our staff on April 1st, 1935. Dr. B. R. Susman was appointed on August 1st, 1935 as graduate interne. Dr. S. G. Chalk was transferred to the staff of the Toronto Psychiatric Hospital on

March 16th, 1936. Dr. G. E. Hobbs was transferred from the Psychiatric Hospital to our staff on March 1st,1936, although is not actually reporting for duty until later in the year. Miss Mary B. Doyle was transferred from the Industrial Farm, Burwash, to the staff of this hospital as social worker for the Border Cities area on September 1st, 1934.

During the year many addresses were given by members of the clinic staff and the superintendent of the hospital, Dr. Stevenson. These, of course, were in addition to the instruction to the medical students of the fifth and sixth years, and a course of clinical lectures to the senior students of the Arts College in Abnormal Psychology.

The North Cottage used as a Nurses' Home for several years was discontinued as a Nurses' residence and 65 women patients are now being cared for in it. A large room in the rear of the plasterer's shop was reroofed and is now being used as a discard room for waste paper. The recreation building has been modified by the installation of an occupational therapy room for recently admitted patients. Adjoining this studio a central library has been equipped with branch libraries in all wards. The billiard tables have been placed out in the main part of the ground floor and one of these rooms is now used as a lunch room for staff. A canteen has been also installed in the recreation building. The swimming pool is also being re-conditioned and is now nearly ready for use.

The Mental Health Clinic has continued its activities with very satisfactory success and have given many addresses on mental health subjects to the general public and to nurses in hospitals. The Superintendent has also given a number of addresses to various organizations on mental health problems.

ONTARIO HOSPITAL, NEW TORONTO

T. D. Cumberland, M.D., Superintendent

1. *Relating to the care and treatment of patients*

During the year 1935, the bed capacity was considerably increased due to the completion of the renovation work in Cottages "A" and "B." There was a total of 634 admissions during the year, 502 of which were first admissions.

The number of patients on probation was considerably increased and the boarding-out system was further developed until at the end of the year there was a total of 112 patients being cared for in private homes under this scheme.

Ten acres of additional garden land was acquired from the Ontario Brick and Tile Plant, Mimico, which provided for considerably more outdoor occupation for patients.

An important change was made in the system of handling food. Insulated food containers were put into use for transporting food from the central kitchen to the dining rooms with the result that hot meals were served.

2. *Relating to Staff, Administration and Buildings*:

Doctor H. A. McKay, Superintendent, passed away after a short illness on February 14th, 1936. He had been Superintendent at New Toronto for six years. Dr. A. J. Kilgour who had just returned from Post Graduate work in Europe was appointed Acting Superintendent. Dr. A. McCausland, Assistant Superintendent, was transferred to Ontario Hospital, London. Dr. C. A. Buck was transferred from Ontario Hospital, Kingston to replace him. Dr. Kenneth Gray was transferred to the Department of Health, Parliament Buildings, as Solicitor to the Department. Dr. R. A. Seymour was transferred from the

Toronto Psychiatric Hospital to replace Dr. Austin Allen who was transferred to the Psychiatric Hospital for Post Graduate training. Dr. Margaret O. Thorpe was transferred to the Ontario Hospital, Orillia and Dr. Anna Martins was transferred from Ontario Hospital, Orillia, to this hospital. Dr. J. D. Grieve was transferred to New Toronto from Ontario Hospital, Orillia, and was later transferred to the Ontario Hospital, Whitby. Dr. D. R. Gunn was transferred from the Ontario Hospital, Toronto. Mr. Alexander M. Murray, Steward, was superannuated after twenty-five years service at the Ontario Hospital, New Toronto. He was replaced by Mr. J. J. Kiernan, who was transferred from the Ontario Hospital, Whitby.

The regular training course for Attendants was carried on and proved quite satisfactory. Lectures were given by members of the medical and nursing staff and by the Chief Attendant. Fifty Attendants passed the examination successfully.

The Mental Health Clinic has continued the development of community consultation service in mental hygiene and this work was greatly extended during this year. Dr. M. Houze, Director of the Mental Health Clinic, was transferred to the Ontario Hospital, Brockville and was replaced by Dr. G. H. Gundry, who was transferred to New Toronto from the Ontario Hospital, Brockville. In addition to the regular clinic work, the Director was in charge of the boarding-out patients.

ONTARIO HOSPITAL SCHOOL, ORILLIA

S. J. W. Horne, M.D., Superintendent

Relating to the care and treatment of patients:

During the last fiscal year the name of the Institution was changed from the Ontario Hospital, Orillia, to the Ontario Hospital School indicating the dual purpose of the Institution, that is the care and training of the feeble-minded.

During the year our policy has been one of rigid economy with the result that the only capital expenditures were those of absolute necessity.

The general health of our patients has been good. The medical, surgical and psychiatric work has been of a standard befitting the important work which is being done in this Institution.

The Academic program has not been changed during the past year as we find the re-adjustments of the previous year to be practical and satisfactory.

Minor changes were made in our Occupational Training Program particularly in the department of Domestic Science where we attempt to make our training practical and suitable for girls who graduate to domestic work in the community.

The Ward Schools have been continually developed to the point where there are over 600 girls and boys receiving training in our Ward Schools. At the present time this constitutes our largest school group and I cannot emphasize too strongly my appreciation to nurses and attendants who have shown such a keen interest in developing this section of our School.

Our recreational program was a very full and complete one with each day's activities being carefully planned and organized by our Physical Instructor.

We added two new features to our program—one by way of school parties once a month for school children who were on the honor roll at the end of each month. We also hold a social evening once a week for Senior girls and boys whose work warranted their names being on an honor roll.

The other usual activities, such as, the annual picnic, and the Christmas entertainment, were of the same high calibre as in previous years and enjoyed not only by patients and employees but by our friends of the community.

The high point of our physical training was reached with a demonstration which took the form of a play which followed the course of the good ship "O.H.S.O... touching at Hawaii, Japan, Gibraltar, Spain, etc. This afforded an excellent opportunity for a demonstration of the many sides of physical training and also gave a romantic touch. This feature was under the joint direction of Mr. Cole and Mr. Avery—Mrs. Gladman making an excellent arrangement of costumes with the teaching staff assisting. There were approximately 200 boys and girls taking part in this feature.

As has always been the case, every effort was made to employ larger groups of patients both in the Institution and the farm, garden, and with the landscape gardener. A new project was developed in landscaping. The section which lies south of the tennis court to the railroad track—preliminary work being done by low grade patients. This will make ample work for low grade boys this coming summer.

During the year an increased number of girls were probated and there was a slight increase in the number of boys probated to farms. In this connection I would like to indicate our thanks and appreciation for the co-operative work of the Board of Directors of the Haven of Toronto in establishing a second Colony House which has been a great assistance to us in placing trained girls in domestic service. I would also like to extend appreciation and thanks to Miss Mann and Miss Charleson for their excellent work in supervising these girls after their arrival at Oxley House and Lorimer Lodge.

2. *Relating to Staff, Administration and Building*

The stairway on the north end of Cottage L was remodelled and made fireproof in every detail.

Our maintenance staff kept a progressive repair program throughout the whole Institution during the past year.

Dr. Anna Martins transferred to the Ontario Hospital, New Toronto.

Dr. J. E. Sharpe transferred to the Department of Health, Toronto.

Dr. E. A. James joined our staff from the Ontario Hospital, Cobourg.

Dr. C. V. Tisdale was transferred to the Ontario Hospital, Woodstock.

Miss Gertrude Stanton, who had been on our teaching staff of the Academic School for twenty-seven years, was superannuated in June of 1935. Miss Stanton's long and faithful service was given suitable recognition before her departure.

Training of personnel was confined to new attendants and nurses outlining the principles of care and training of the mentally deficient. This work was undertaken principally by the Superintendent of Nurses, the Chief Supervisor, and the medical staff.

Scientific work for the present year was concentrated on the reconstruction of our Academic Curriculum. This is now in shape for the Printers. Many addresses were given by the Superintendent and other members of the staff to Service Clubs and Church organizations in the community describing the work at this Institution and also mental health work.

ONTARIO HOSPITAL, PENETANG

C. A. McClenahan, M.B., Superintendent

1. *Relating to Care and Treatment of Patients:*

All available equipment for treatment of patients has been in use throughout the year, and during the coming year it is hoped that still further use may be made of this equipment. With the assistance of the tuberculosis clinic this hospital has been kept free of the disease.

Occupational therapy has progressed well throughout the year. In the new Building this department functions for the most part in the winter months, and during this year the patients have patterned and constructed cement bird baths which are proving very decorative to the hospital grounds.

The academic school in the New Building has not been as well attended during the past year as outside activities have attracted some of the younger patients. One patient was successful in passing with first class honours all the upper and middle school examinations which he took and this year is writing his upper school Greek.

As formerly the patients receive a great deal of therapeutic benefit by their association with the various artisans. Some seventy-five patients assisted with the garden and farm work. The vocational department in both the Main and New Buildings was conducted throughout the year. The occupational therapist also ably assisted in the recreational activities of the hospital.

In the absence of a Mental Health Clinic at this hospital to supervise patients boarding out, this programme has not been inaugurated as yet. The various Clinics when requested have given very useful reports and assisted greatly in the probation and progress of our patients.

2. *Relating to Staff, Administration and Buildings:*

There have been few changes in the medical and nursing staff. The steward, Mr. N. J. Cole, was superannuated after a quarter of a century of public service. At the time of his leaving he was presented with a suitable remembrance by the hospital staff. His position has been filled by Mr. R. S. McLaughlin whose many years of business experience highly qualifies him for this position.

Throughout the year the superintendent and members of the medical staff gave many addresses to service clubs and other interested associations. Dr. Hanna was elected by the Simcoe Medical Society as a member of the Committee on Mental Hygiene.

In the Main Building a central fire stairs has been completed with the plastering of the walls and the laying of the terrazzo floors. Its construction has assisted in removing a dangerous fire hazard and in addition has improved greatly the interior appearance of the building.

With the addition of a new floor in the Assembly Hall, and the replacement of the old wooden ceiling with metal lath and plaster, and the painting of the Hall throughout, we now have a recreation centre which is of great satisfaction to both the patients and staff.

In Cottage B the dormitory floors have been improved. Day rooms for patients are now available on the first floor and have been suitably furnished with heavy oak furniture which is proving very attractive and serviceable.

The laundry service has been materially benefitted by the addition of new ironing boards and re-conditioning of the mangle, and will be further so with the installation of a new washer which has been purchased.

A new feed water heater is also being installed

Repairs have been made to farm buildings, i.e., the barn roof has been repaired and shingled, ventilation in the cow stable has been improved and a new jacket heater has been installed in the dairy room.

In the New Building the painting of the interior, which was begun in the winter, is now completed. Installation of heavy metal doors, which open unto the airing court, with the prison type of lock, has filled a long required need and added greatly to the security of the building. The grading and levelling of the side approaches on the new cement road has been completed, partially seeded and landscaped. The beech grove immediately in front of the main entrance to the building is being levelled and seeded, and a further supply of shrubs, trees, etc., have been purchased for planting in the spring.

ONTARIO HOSPITAL, TORONTO

R. C. Montgomery, M.D., Superintendent

1 *Relating to the care and treatment of patients:*

During the past year there has been little change in the treatment facilities of the hospital. The staff of the hospital and a representative committee of social agencies have held bi-monthly meetings to further the re-establishment of patients in the community. The social agencies in the community have co-operated greatly in assisting in the supervision of patients who have returned to their homes from the hospital. Considerable work has been done in assisting patients who have returned to their home on probation becoming established in the community by establishing for them contacts with church societies and clubs. The Social Service Department of the Hospital has assisted in this re-establishment by interpreting the condition of the patient to the family.

Between 40 and 50 patients have been continued in approved homes during the year. Patients in approved homes are visited weekly by the social worker and an occupational therapist has accompanied the social worker to arrange for occupational activities for all patients in approved homes. During the winter months social gatherings were held for patients one afternoon a week under the direction of the occupational therapy staff.

A Hairdressing parlor has been equipped. It has proved quite popular.

A laboratory was installed for prosthetic dentistry. A full-time dental mechanic is kept busy supplying dentures for the 12 Ontario Hospitals.

2. *Relating to Staff, Administration and Buildings:*

The following staff changes were made during the year: Dr. C. H. Lewis was transferred from the Ontario Hospital, Kingston, as Senior Assistant Physician. Dr. J. R. Howitt was transferred to the Ontario Hospital, Hamilton. Dr. D. R. Gunn was transferred to the Ontario Hospital, New Toronto. Dr. G. E. Hobbs was transferred to the Psychiatric Hospital for post graduate study.

Mr. James Williamson, Engineer, was superannuated and was replaced by Mr. W. Cummings.

No major alterations were made to buildings during past year.

ONTARIO HOSPITAL, WHITBY

D. R. Fletcher, M.D., Superintendent

1. *Relating to care and treatment of patients:*

Our efforts in the care and treatment of our patients were such that we discharged 336 patients to their homes, which is a new high for the hospital. The number of deaths was well below the average, and the permanency of the cures is perhaps evidenced by the fact that the proportion of second admissions is lower than ever. No special changes in treatment were made. Our methods of treatment, which have been successfully used elsewhere, were introduced into this hospital, including group therapy, group singing, talks both in our ward clinics, and in larger groups. Senior conferences on patients showing improvement helped us to arrive at the optimal time for discharge.

Our canteen fund was used to build our second tennis court, and this summer we will have both courts full of patients on recreational therapy.

The care of our probationary and boarding out patients is becoming a problem, totalling as they do over two hundred persons. Their oversight is no small task, and credit is due to our mental health clinic, who have been indefatigable in the work of supervision.

2. *Relating to Staff, Administration and Buildings:*

I gladly pay tribute here to the heroism of one of our nurses, Miss Ruth Ferris. Miss Ferris, who is, I am proud to say, a graduate of this training school, was one of a party searching for a patient, who had temporarily eluded her nurse, and she noticed her out on the pier at some distance from the hospital. Although she was alone, the water was cold, and the chances of getting out of the water again seemed remote, she jumped in without hesitation. Fortunately Doctors Montgomery and Cardwell were sufficiently near, and succeeded in bringing both the patient and the nurse to safety. Miss Ferris freely offered her life on the altar of a nurse's duty, as she saw it, and has set an example to her fellow nurses in this hospital for all time.

Mr. Hugh Robinson, chief attendant, a public servant for many years, was superannuated, and subsequently died on July 17th, 1935. Mr. Robinson's service was marked by honesty, industry and loyalty.

Dr. J. N. Senn, Senior Assistant Physician, was transferred to the office of the Director of Hospital Services on October 1st, 1935, and we have since heard with pleasure of his further promotion to the superintendency of the hospital at Fort William.

Dr. Hill, medical interne, left the hospital to enter private practice. Doctors Batstone and Cummins, who had been with us for some time, are taking Post Graduate work at the Toronto Psychiatric Hospital. Dr. H. D. Mitchell was added to our staff.

Mr. Lewis Dewsbury, a returned soldier with many years experience in his work, was appointed Chief attendant, succeeding Mr. Robinson.

Miss Nettie Fidler, Superintendent of Nurses, was transferred to the Toronto Psychiatric Hospital in the same capacity, and Miss Sharpe, a nurse with great experience in this field, is acting in her stead.

Two of our old and valued staff members, Miss Jennie Thompson, head seamstress, and Mr. William Daniels, chef, were superannuated on December 1st, 1935. Suitable acknowledgement was made of their services by fellow staff members.

We have made as full use as our limited staff will allow of the occupational and recreational facilities of the hospital. Every available attendant has been out on the farm during the summer with vocational groups, and we could have used to advantage another fifteen attendants.

During the year we have continued with out post graduate work with a small group coming from various parts of the Dominion, which will disseminate our nursing ideals throughout the country. The junior attendants have a full course of lectures as well as formal teaching from their supervisors, from which I am sure they will profit. We have made use of our daily conferences in the training of our junior physicians, post graduate nurses group. and nurses and attendants in general. We have had a series of staff meetings including all heads of departments at which problems affecting the welfare of the hospital were discussed, and which have been of assistance in promoting that espirit de corps so essential to success.

The usual lectures and addresses were given to various groups, service clubs, etc. The teaching of nurses was continued in various centres, in which the out-patient clinic operates. Doctors Montgomery and Grieve, Misses Stapleford, Matheson and Polson all taking part in this work. I am attaching reports of work completed by our laboratory, operating room, X-Ray Department and Dental Clinic during the year.

ONTARIO HOSPITAL, WOODSTOCK

D. O. Lynch, M.D., Superintendent

1. *Relating to the Care and Treatment of Patients:*

The number of patients remaining in residence at the end of the year was 533, as compared with a total of 496 on March 31st, 1935. Admissions amounted to 133, including 22 transfers. There were 65 discharges and 8 transferred to other hospitals. In our discharge group 50.7 per cent were seizure-controlled. Deaths amounted to 20.

(a) With the addition of Miss Marjorie Garrett to our occupational therapy staff, it has been possible to extend the work to include a group of selected male patients. Classes are now held daily on both male and female wards, as well as the regular instruction in the occupational therapy workroom. The extra worker has also made it possible to organize social activities which have proved a great success. Apart from community singing which is carried out in most of the hospital buildings, musical exercises, group games, etc. are encouraged. Card parties, bridge and cribbage tournaments are constantly in progress and several times yearly patient concert programs and amateur theatricals provide considerable entertainment. Particularly is it true that with the epileptic, music and singing are greatly appreciated and to round out our program, we have extended invitations and listened to interesting concerts by every band in the city and vicinity. Throughout the summer months, hikes and taking lunches to nearby woods have been enjoyed by cottage patients, the occupational therapy class and the laundry and sewing-room workers. Picnic suppers for all female patients was an innovation last summer and each ward and cottage enjoyed one such picnic every month from June to September. The majority of these activities have been under the direction of the occupational therapy department and we are indeed gratified with the results obtained.

(b) In February, 1935, Mr. Maxwell Magill was appointed educational interne. Classes in public school subjects are now held each week day, the female patients attending in the mornings, the male patients in the afternoons. Some twenty pupils attend the school and receive instruction in subjects ranging from the Primer to the Entrance Class. The results are very gratifying.

(c) During the year, Miss Ethel Lloyd, R.N., our laboratory technician, received training in psychological testing and is rendering valuable service in doing psychometric tests on all new admissions.

2. Relating to Staff, Administration and Building:

Mr. A. C. L. Vincent, hospital carpenter and mason, was superannuated after twenty-one years' loyal and faithful service.

Mr. M. G. Johnston who was appointed psychologist on February 1st, 1935, left the service on May 31st, 1935.

Mr. J. Loughrey, supervisor, resigned on June 1st, 1935 to return to Ireland.

Mr. Cecil Sumner, gardener, resigned on May 31st, 1935.

Miss Marjorie Garrett was appointed occupational therapy interne on November 25th, 1935.

Dr. C. H. Pratt was transferred temporarily to the Hospitals Division, Toronto, and the Toronto Psychiatric Hospital.

Dr. J. C. Steer was appointed medical interne on April 23rd, 1935 and transferred to the Ontario Hospital, Orillia, on August 1st, 1935.

A course of instruction consisting of thirty lectures and demonstrations was given the attendants and nurse-attendants, following which forty-two members of the staff were given an oral examination by the Visiting Board of Examiners. The results were very satisfactory, the average mark for the group being 73.3 per cent.

Addresses were given throughout the year to various associations and clubs by Dr. D. O. Lynch, the superintendent, and Dr. C. H. Pratt, assistant superintendent.

Further experimental therapeutic investigations in epilepsy were carried on during the past year.

As pointed out in the Annual Report of last year, in keeping with the recent interest shown in the study of epilepsy as a possible allergic reaction, a prolonged course of non-specific protein (Hemoprotein) therapy had been commenced in a group of ten cases of idiopathic epilepsy. This work was completed during the year. No benefit was demonstrated.

The anti-epileptic effect of a comparatively new babiturate, Merbaral, was tested in a group of ten epileptics of good mentality whose seizures are mainly of the petit mal type and which have been stubbornly refractile to Phenobarbital therapy. This drug was recommended as having special value in the treatment of petit mal attacks and to be high in sedative but low in hypnotic values. This treatment was carried out over a period of six months beginning with one-half grain doses in addition to the regular dosage of Phenobarbital and gradually increasing up to a maximum of six grains in most instances. Replacement of the Phenobarbital by Mebaral in double the dosage was also tried in a number of these cases. The results have been quite disappointing in our series of cases. No advantage over Phenobarbital has been found, either in control of petit or grand mal seizures or in the undesirable hynotic effects in attempting to push the dosage to the controlling level in these cases. The anti-epileptic value of Phenobarbital and Mebaral would appear to be in the dosage ratio of 1 to 2. The high cost of the latter makes it almost prohibitive in institution work.

No extensive construction work was carried out during the year, although considerable repairs have been completed. The male cottages have been repainted, as have the verandahs and outside woodwork of the female cottages. We hope to complete the interior decorating of these latter buildings this summer. A room formerly used as a kitchen in the Administration Building has been renovated and makes an ideal record room as it communicates with the stenographers' office.

We are indebted to the local clergymen who have ministered faithfully to both patients and staff during the year. To our medical confreres, we are deeply appreciative of their assistance and advice when called in consultation. To the various local organizations who have generously provided entertainment for our patients, we are very grateful.

STATISTICAL TABLES

TABLE No. 1—

Movement of the Patient

April 1st, 1935 to

Hospitals	To Population											
	First Admissions			Re-Admissions			Transfers Received			Total Added to Population		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville	92	112	204	35	35	70	4	2	6	131	149	280
Cobourg	.....	65	65	.....	5	5	.....	15	15	.....	85	85
Hamilton	224	170	394	80	65	145	8	8	16	312	243	555
Kingston	108	68	176	17	15	32	6	23	29	131	106	237
London	221	208	429	60	43	103	6	1	7	287	252	539
New Toronto	315	187	502	20	20	40	57	35	92	392	242	634
Orillia	127	81	208	13	4	17	2	3	5	142	88	230
Penetang	26	8	34	5	1	6	17	11	28	48	20	68
Toronto	134	91	225	42	35	77	7	13	20	183	139	322
Whitby	214	217	431	55	49	104	9	13	22	278	279	557
Woodstock	48	42	90	13	8	21	15	7	22	76	57	133
Fort William	9	.....	9	.....	.....	.....	12	.....	12	21	.....	21
Totals	1,518	1,249	2,767	340	280	620	143	131	274	2,001	1,660	3,661

PATIENT POPULATION

Population during the year

March 31st, 1936

From Population															Change in Population		
Discharged			Died			Transferred to Other Hospitals			Eloped			Total from Population					
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
40	58	98	31	39	70	9	4	13	.....	.....	.....	80	101	181	+51	+48	+99
.....	9	9	.....	12	12	.....	12	12	.....	.....	.....	.....	33	33	.....	+52	+52
160	110	270	56	43	99	14	12	26	3	.....	3	233	165	398	+79	+78	+157
67	45	112	23	19	42	18	11	29	1	.....	1	109	75	184	+22	+31	+53
141	131	272	69	61	130	11	11	22	2	.....	2	223	203	426	+64	+49	+113
108	71	179	89	79	168	22	19	41	3	.....	3	222	169	391	+170	+73	+243
36	41	77	19	9	28	11	8	19	16	6	22	82	64	146	+60	+24	+84
22	6	28	9	12	21	13	2	15	.....	.....	.....	44	20	64	+ 4	.....	+ 4
90	54	144	35	38	73	17	32	49	3	.....	3	145	124	269	+38	+15	+53
187	152	339	63	44	107	16	17	33	6	1	7	272	214	486	+ 6	+65	+71
43	19	62	9	11	20	5	3	8	3	.....	3	60	33	93	+16	+24	+40
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	+21	.....	+21
894	696	1,590	403	367	770	136	131	267	37	7	44	1,470	1,201	2,671	+531	+459	+990

TABLE No. 2—

Patient population as on April 1st, 1935 and March 31st, 1936 together

Hospitals	Population, April 1st, 1935											
	Patients in Hospital			Patients on Probation			Patients Boarding-Out			Total on Books		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville	468	497	965	16	18	34	7	6	13	491	521	1,012
Cobourg	.....	395	395	.....	5	5	.....	10	10	.....	410	410
Hamilton	710	662	1,372	40	50	90	4	.....	4	754	712	1,466
Kingston	601	521	1,122	24	21	45	8	3	11	633	545	1,178
London	723	703	1,426	30	44	74	22	41	63	775	788	1,563
New Toronto	676	606	1,282	20	27	47	63	20	83	759	653	1,412
Orillia	884	885	1,769	39	57	96	.....	.....	.....	923	942	1,865
Penetang	354	232	586	6	3	9	.....	.....	.....	360	235	595
Toronto	518	528	1,046	27	19	46	8	19	27	553	566	1,119
Whitby	800	779	1,579	42	53	95	35	30	65	877	862	1,739
Woodstock	268	228	496	15	8	23	.....	.....	.....	283	236	519
Fort William	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals	6,002	6,036	12,038	259	305	564	147	129	276	6,408	6,470	12,878

PATIENT POPULATION

with the total number of patients who were on the books during the year

Population, March 31st, 1936												Total Number of Patients on Books during the Year		
Patients in Hospital			Patients on Probation			Patients Boarding-Out			Total on Books					
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
508	522	1,030	25	36	61	9	11	20	542	569	1,111	622	670	1,292
.....	431	431	.....	26	26	.....	5	5	.....	462	462	.....	495	495
772	749	1,521	47	35	82	14	6	20	833	790	1,623	1,066	955	2,021
613	532	1,145	20	27	47	22	17	39	655	576	1,231	764	651	1,415
770	732	1,502	46	56	102	23	49	72	839	837	1,676	1,062	1,040	2,102
800	650	1,450	41	52	93	88	24	112	929	726	1,655	1,151	895	2,046
941	906	1,847	42	60	102	.....	.....	.....	983	966	1,949	1,065	1,030	2,095
361	231	592	3	4	7	.....	.....	.....	364	235	599	408	255	663
558	535	1,093	19	23	42	14	23	37	591	581	1,172	736	705	1,441
797	788	1,585	50	88	138	36	51	87	883	927	1,810	1,155	1,141	2,296
286	247	533	13	13	26	.....	.....	.....	299	260	559	359	293	652
21	.....	21	.....	.....	.....	.....	.....	.....	21	.....	21	21	.....	21
6,427	6,323	12,750	306	420	726	206	186	392	6,939	6,929	13,868	8,409	8,130	16,539

TABLE No. 3

Patient Population

Increase or decrease in patient population for the year
April 1st, 1935 to March 31st, 1936

Hospitals	Patients in Hospital			Patients on Probation			Patients Boarding-out			Total on Books		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville	+ 40	+ 25	+ 65	+ 9	+ 18	+ 27	+ 2	+ 5	+ 7	+ 51	+ 48	+ 99
Cobourg	.....	+ 36	+ 36	.....	+ 21	+ 21	.....	− 5	− 5	.....	+ 52	+ 52
Hamilton	+ 62	+ 87	+149	+ 7	− 15	− 8	+ 10	+ 6	+ 16	+ 79	+ 78	+157
Kingston	+ 12	+ 11	+ 23	− 4	+ 6	+ 2	+ 14	+ 14	+ 28	+ 22	+ 31	+ 53
London	+ 47	+ 29	+ 76	+ 16	+ 12	+ 28	+ 1	+ 8	+ 9	+ 64	+ 49	+113
New Toronto	+124	+ 44	+168	+ 21	+ 25	+ 46	+ 25	+ 4	+ 29	+170	+ 73	+243
Orillia	+ 57	+ 21	+ 78	+ 3	+ 3	+ 6	.....	.....	.....	+ 60	+ 24	+ 84
Penetang	+ 7	− 1	+ 6	− 3	+ 1	− 2	.....	.....	.....	+ 4	.....	+ 4
Toronto	+ 40	+ 7	+ 47	− 8	+ 4	− 4	+ 6	+ 4	+ 10	+ 38	+ 15	+ 53
Whitby	− 3	+ 9	+ 6	+ 8	+ 35	+ 43	+ 1	+ 21	+ 22	+ 6	+ 65	+ 71
Woodstock	+ 18	+ 19	+ 37	− 2	+ 5	+ 3	.....	.....	.....	+ 16	+ 24	+ 40
Fort William	+ 21	.....	+ 21	.....	.....	.....	.....	.....	.....	+ 21	.....	+ 21
Totals	+425	+287	+712	+ 47	+115	+162	+ 59	+ 57	+116	+531	+459	+990

TABLE No. 4

ANNUAL INCREASE

Annual Increase in Patient Population Since the Year 1919

Year	Total on Books at End of Year	Increase or Decrease over Previous Year	Total Hospital Ratio of Increase to Population*
1919	7,482	....	....
1920	7,689	207	2.7
1921	7,970	281	3.5
1922	8,368	398	4.7
1923	8,775	407	4.6
1924	9,109	334	3.7
1925	9,489	380	4.0
1926	9,656	167	1.7
1927	9,708	52	0.5
1928	9,775	67	0.7
1929	10,032	257	2.6
1930	10,390	358	3.4
1931	10,930	540	4.9
1932	11,498	568	4.9
1933	12,236	738	6.0
1934	12,883	647	5.3
5 months, Nov. 1st, 1934-March 31st, 1935.	12,878	—4	....
April 1st, 1935 to March 31st, 1936	13,868	990	7.7

*It should be recognized that the annual increases in the number of mental patients as shown in this table indicate increase in the number of patients *shown on the books of mental hospitals.* These increases do *not* necessarily reflect increases in the prevalence of mental disease in the community, since they are almost directly determined by the enlargement of hospital accommodation through building expansion.

TABLE No. 5

ACCUMULATED TOTALS

The total aggregate number of patients who have been admitted, discharged or died since the opening of the hospitals.

Hospitals	Date of Opening	Total Number Admitted Since Opening of Hospital			Total Number Discharged Since Opening of Hospita.			Total Number Died Since Opening of Hospital		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Brockville....	Dec. 27 1894	3,600	3,469	7,069	1,978	2,032	4,010	1,218	1,047	2,265
Cobourg.....	June, 1920	....	1,001	1,001	.....	204	204	....	276	276
Hamilton....	Mar. 17, 1876	6,513	6,317	12,830	3,702	3,731	7,433	2,186	2,018	4,204
Kingston....	1864	4,577	3,712	8,289	2,705	2,231	4,936	1,392	1,152	2,544
London.....	1870	7,210	6,848	14,058	4,119	3,915	8,034	2,423	2,257	4,680
New Toronto	1890	4,052	3,374	7,426	2,091	1,865	3,956	1,234	1,040	2,274
Orillia.....	Apr. 1, 1876	3,264	2,750	6,014	801	631	1,432	1,334	1,113	2,447
Penetang....	Aug. 16, 1904	776	623	1,399	193	98	291	288	315	603
Toronto.....	1846	10,698	10,134	20,832	7,257	7,300	14,557	2,941	2,379	5,320
Whitby.....	Jan. 1, 1920	3,196	3,055	6,251	1,737	1,624	3,361	743	623	1,366
Woodstock...	1906	718	585	1,303	376	254	630	235	208	443
Fort William	Mar. 1, 1936	9	....	9	.....	....	.....	...	.....	...
Totals....	.....	44,613	41,868	86,481	24,959	23,885	48,844	13,994	12,428	26,422

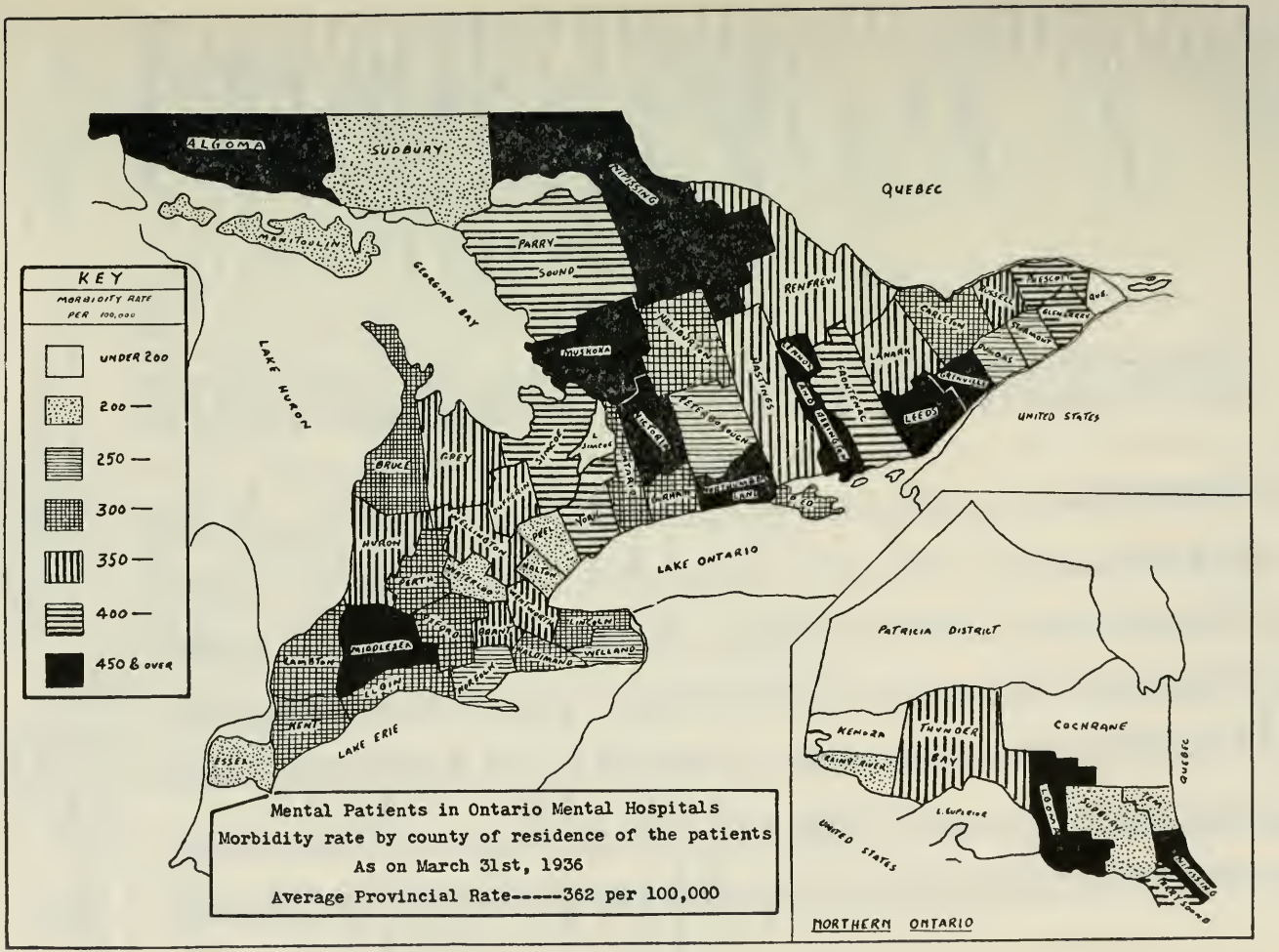
TABLE No. 6

Geographical Distribution

Distribution of first admissions and number of patients in hospital March 31st, 1936 according to the various counties and districts, together with the population of these counties and districts (estimated June, 1935)

Counties and Districts	Population*	First Admissions During Year			Remaining in Residence March 31st, 1936			Rate Per 100,000
		M.	F.	T.	M.	F.	T.	
Algoma District	47,544	15	8	23	167	133	300	631
Brant	53,516	18	16	34	94	94	188	351
Bruce	41,486	12	4	16	64	69	133	321
Carleton	178,572	51	75	126	279	322	601	337
Cochrane	70,729	24	8	32	86	38	124	175
Dufferin	14,684	4	2	6	19	36	55	375
Dundas	15,614	2	7	9	22	22	44	282
Durham	26,242	9	9	18	44	39	83	316
Elgin	42,817	18	14	32	66	73	139	325
Essex	182,662	70	54	124	246	202	448	245
Frontenac	46,260	47	19	66	97	93	190	411
Glengarry	17,926	6	7	13	49	25	74	413
Grenville	16,199	7	7	14	39	47	86	531
Grey	57,159	18	15	33	129	94	223	390
Haldimand	21,484	7	11	18	38	36	74	344
Haliburton	5,913	1	1	2	13	7	20	338
Halton	27,222	8	4	12	32	28	60	220
Hastings	59,374	26	28	54	113	93	206	347
Huron	44,417	10	12	22	78	83	161	362
Kenora	24,060	8	4	12	31	16	47	195
Kent	64,831	36	19	55	112	87	199	307
Lambton	55,571	16	13	29	95	84	179	322
Lanark	32,800	11	12	23	68	60	128	390
Leeds	35,265	15	16	31	76	87	163	462
Lennox and Addington	18,839	4	9	13	55	43	98	520
Lincoln	56,427	17	8	25	92	81	173	307
Manitoulin	10,840	2	2	4	17	9	26	230
Middlesex	122,791	59	73	132	246	313	559	455
Muskoka District	26,521	9	3	12	58	62	120	452
Nipissing District	43,873	34	15	49	138	75	213	485
Norfolk	33,359	8	8	16	36	51	87	261
Northumberland	31,520	13	9	22	81	69	150	476
Ontario	64,935	30	21	51	115	92	207	319
Oxford	48,250	15	19	34	71	79	150	311
Parry Sound District	25,516	11	6	17	65	49	114	447
Peel	29,870	3	4	7	28	46	74	248
Perth	51,612	20	19	39	76	83	159	308
Peterborough	44,638	18	20	38	49	69	118	264
Prescott	23,844	6	6	12	55	51	106	445
Prince Edward	16,649	9	6	15	37	26	63	318
Rainy River District	18,895	3	1	4	35	11	46	243
Renfrew	52,515	24	18	42	100	92	192	366
Russell	17,795	5	3	8	47	22	69	388
Simcoe	83,523	32	27	59	171	173	344	412
Stormont	35,480	9	3	12	52	52	104	293
Sudbury	64,340	19	8	27	92	63	155	241
Timiskaming	41,197	20	10	30	57	37	94	228
Thunder Bay District	71,341	45	15	60	184	100	284	398
Victoria	25,068	10	11	21	62	66	128	511
Waterloo	95,688	25	24	49	95	133	228	238
Welland	89,155	25	26	51	112	118	230	258
Wellington	59,764	16	15	31	114	112	226	378
Wentworth	204,599	130	82	212	372	389	761	372
York	940,675	441	404	845	1,798	2,043	3,841	408
Unascertained	.....	7	3	10	23	10	33	.....
Other Provinces	.....	10	6	16	43	22	65	.....
Total	3,631,866	1,518	1,249	2,767	6,633	6,509	13,142	362

*Estimated—June 1935.



Mental Patients in Ontario Mental Hospitals
Morbidity rate by county of residence of the patients
As on March 31st, 1936
Average Provincial Rate-----362 per 100,000

TABLE No. 7
RELIGION
The religious affiliations of first admissions and patients in residence on March 31st, 1936

Religion	First Admissions				In Residence			
	Male	Female	Total		Male	Female	Total	
			Number	%			Number	%
Baptists	84	76	160	*5.8*	289	321	610	*4.6*
Episcopalians	297	274	571	*20.6*	1,235	1,364	2,599	*19.8*
Jews	29	21	50	*1.8*	122	120	242	*1.8*
Presbyterians	154	119	273	*9.9*	822	896	1,718	*13.1*
Roman Catholics	393	253	646	*23.3*	1,764	1,321	3,085	*23.5*
United Church	339	314	653	*23.6*	1,331	1,497	2,828	*21.5*
Other Denominations	153	132	285	*10.3*	735	661	1,396	*10.6*
Unascertained	69	60	129	*4.7*	335	329	664	*5.1*
Total	1,518	1,249	2,767	*100.0*	6,633	6,509	13,142	*100.0*

TABLE No. 8—

Distribution of patients in residence March 31st, 1936,

Psychoses	Total			Brockville			Cobourg			Hamilton			Kingston		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	14	2	16	1	.....	1	.....	.....	.....	2	1	3	1	.....	1
2. Senile	205	239	444	28	25	53	.....	17	17	15	35	50	22	17	39
3. With Cerebral Arterio-sclerosis	161	157	318	20	4	24	.....	2	2	39	44	83	3	3	6
4. General Paralysis	349	83	432	32	11	43	.....	2	2	69	14	83	13	5	18
5. With Cerebral Syphilis	13	4	17	.....	1	1	.....	.....	.....	.....	.....	.....	1	.....	1
6. With Huntington's Chorea	9	13	22	.....	.....	.....	.....	1	1	1	2	3	.....	.....	.....
7. With Brain Tumour	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8. With other Brain or Nervous Diseases	45	21	66	2	5	7	.....	.....	.....	4	1	5	5	1	6
9. Alcoholic	71	10	81	3	1	4	.....	2	2	5	2	7	8	.....	8
10. Due to Drugs and other Exogenous Toxins	13	12	25	.....	.....	.....	.....	.....	.....	2	.....	2	2	.....	2
11. With Pellagra	.....	1	1	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....
12. With other Somatic Diseases	27	68	95	1	6	7	.....	.....	.....	1	12	13	5	7	12
13. Manic-depressive	592	664	1256	71	85	156	.....	9	9	53	70	123	80	77	157
14. Involution Melancholia	71	195	266	13	22	35	.....	5	5	11	24	35	11	17	28
15. Dementia Praecox	2926	2939	5865	284	317	601	.....	158	158	447	451	898	338	318	656
16. Paranoia or Paranoid Conditions	91	105	196	3	4	7	.....	2	2	8	8	16	19	13	32
17. Epileptic Psychoses	228	181	409	2	3	5	.....	1	1	18	5	23	9	6	15
18. Psychoneuroses and Neuroses	31	44	75	1	4	5	.....	.....	.....	5	8	13	4	2	6
19. With Psychopathic Personality	14	9	23	1	.....	1	.....	.....	.....	1	.....	1	.....	1	1
20. With Mental Deficiency	346	300	646	37	36	73	.....	18	18	46	44	90	74	46	120
21. Undiagnosed Psychoses	17	14	31	.....	.....	.....	.....	.....	.....	3	2	5	2	.....	2
22. Without Psychoses	1410	1448	2858	18	9	27	.....	219	219	56	31	87	38	36	74
A—Epileptic—not insane or feeble-minded	58	37	95	.....	1	1	.....	.....	.....	2	.....	2	.....	.....	.....
B—Epileptics—who are feeble-minded	245	252	497	1	.....	1	.....	.....	.....	1	.....	1	7	8	15
C—Alcoholism without psychoses	15	1	16	1	.....	1	.....	.....	.....	1	.....	1	1	1	2
D—Drug addiction without psychoses	11	1	12	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....
E—Psychopathic personality without psychoses	19	5	24	2	.....	2	.....	.....	.....	2	3	5	3	1	4
F—Mental deficiency	1047	1136	2183	14	8	22	.....	219	219	46	23	69	26	26	52
G—Others	15	16	31	.....	.....	.....	.....	.....	.....	4	4	8	1	.....	1
Total	6633	6509	13142	517	533	1050	.....	436	436	786	755	1541	635	549	1184

DIAGNOSIS

in each hospital according to psychosis

London			New Toronto			Orillia			Penetang			Toronto			Whitby			Wood-stock			Fort William		
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
3	1	4	1	.....	1	.....	.....	.....	2	.....	2	3	.....	3	1	.....	1	.....	.....	.....	.....	.....	.....
21	28	49	86	66	152	2	.....	2	1	.....	1	17	27	44	13	24	37	.....	.....	.....	.....	.....	.....
29	28	57	11	13	24	.....	.....	.....	3	1	4	33	38	71	22	24	46	.....	.....	.....	1	.....	1
51	10	61	65	17	82	1	.....	1	2	1	3	68	17	85	47	6	53	1	.....	1	.....	.....	.....
1	.....	1	1	.....	1	.....	.....	.....	.....	.....	.....	5	3	8	5	.....	5	.....	.....	.....	.....	.....	.....
2	2	4	1	3	4	.....	.....	.....	1	.....	1	2	1	3	2	4	6	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	5	13	5	2	7	.....	.....	.....	.....	1	1	7	2	9	14	4	18	.....	.....	.....	.....	.....	.....
3	.....	3	25	3	28	.....	.....	.....	.....	.....	.....	10	2	12	15	.....	15	.....	.....	.....	2	.....	2
1	2	3	7	8	15	.....	.....	.....	.....	.....	.....	.....	1	1	1	1	2	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	8	11	9	10	19	.....	.....	.....	.....	.....	.....	4	7	11	4	18	22	.....	.....	.....	.....	.....	.....
66	100	166	140	105	245	.....	.....	.....	45	23	68	36	52	88	101	143	244	.....	.....	.....	.....	.....	.....
3	36	39	19	51	70	.....	.....	.....	.....	.....	.....	6	20	26	8	20	28	.....	.....	.....	.....	.....	.....
475	471	946	402	306	708	1	3	4	167	114	281	296	308	604	495	492	987	4	1	5	17	.....	17
9	7	16	29	23	52	.....	.....	.....	4	1	5	9	3	12	10	44	54	.....	.....	.....	.....	.....	.....
16	5	21	11	15	26	3	.....	3	14	2	16	6	8	14	2	7	9	147	129	276	.....	.....	.....
4	11	15	5	5	10	.....	.....	.....	.....	.....	.....	5	6	11	7	6	13	.....	2	2	.....	.....	.....
3	3	6	3	2	5	.....	.....	.....	4	.....	4	.....	.....	.....	2	3	5	.....	.....	.....	.....	.....	.....
54	38	92	61	42	103	3	12	15	8	.....	8	33	46	79	30	18	48	.....	.....	.....	.....	.....	.....
2	5	7	1	.....	1	.....	.....	.....	.....	.....	.....	5	5	10	3	2	.....	.....	.....	.....	1	.....	1
39	21	60	6	3	9	931	891	1822	110	88	198	27	12	39	51	23	74	134	115	249	.....	.....	.....
1	.....	1	.....	.....	.....	.....	.....	.....	7	.....	7	1	2	3	.....	.....	.....	47	34	81	.....	.....	.....
.....	.....	.....	.....	.....	.....	152	157	309	2	5	7	.....	.....	.....	2	1	3	80	81	161	.....	.....	.....
1	.....	1	2	.....	2	.....	.....	.....	.....	.....	.....	1	.....	1	8	.....	8	.....	.....	.....	.....	.....	.....
1	.....	1	1	.....	1	.....	.....	.....	.....	.....	.....	5	.....	5	4	.....	4	.....	.....	.....	.....	.....	.....
3	.....	3	.....	.....	.....	.....	.....	.....	9	.....	9	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....
33	21	54	3	3	6	773	726	1499	92	80	172	19	9	28	36	21	57	5	.....	5	.....	.....	.....
.....	.....	.....	.....	.....	.....	6	8	14	.....	3	3	1	1	2	1	.....	1	2	.....	2	.....	.....	.....
793	781	1574	888	674	1562	941	906	1847	361	231	592	572	558	1130	833	839	1672	286	247	533	21	.....	21

TABLE No. 8a

Patients in Residence by Psychoses

1934 — 1936*

Psychoses	1934		1935		1936	
	No.	Rate	No.	Rate	No.	Rate
Dementia Praecox	5,583	156.7	5,705	159.3	5,865	162.9
Manic-depressive	1,098	30.8	1,120	31.3	1,256	34.9
Psychoses with Mental Deficiency	596	16.7	634	17.7	646	17.9
Senile	418	11.7	401	11.2	444	12.3
Epileptic Psychoses	400	11.2	404	11.3	409	11.4
Mental Deficiency without Psychoses	.....	.....	.....	.....	2,183	60.6
G. P. I. and Cerebral Syphilis	383	10.7	395	11.0	449	12.5
Psychoses with Cerebral Arteriosclerosis	269	7.5	285	7.9	318	8.8
Involution Melancholia	250	7.0	251	7.0	266	7.4
Paranoia and paranoid conditions	181	5.1	181	5.1	196	5.4
Alcoholic Psychoses	55	1.5	58	1.6	81	2.2
Alcoholism without psychoses	.....	.....	.....	.....	16	0.4
Epilepsy without Psychoses	.....	.....	.....	.....	592	16.4
All other‡	2,835	79.6	2,880	80.4	421	11.7
Total	12,068	338.7	12,314	343.8	13,142	365.0

*1934—Year ending Oct. 31st
1935—Five Months ending March 31st
1936—Year ending March 31st

‡Data for 1934 and 1935 include Mental Deficiency, Alcoholics and Epileptics without psychoses.

TABLE

Recreational and other activities, number

Hospitals		Church Services (Protestant)		Church Services (Catholic)		Dances for Patients	
Brockville	M.	65	(*64*)	68	(*52*)	70	(*24*)
	F.	74		50		75	
Cobourg	M.	—	(*52*)	—	(*20*)	—	(*4*)
	F.	220		30		150	
Hamilton	M.	146	(*44*)	35	(*51*)	153	(*2*)
	F.	115		31		116	
Kingston	M.	145	(*52*)	65	(*52*)	90	(*12*)
	F.	102		41		80	
London	M.	225	(*52*)	50	(*52*)	175	(*4*)
	F.	140		25		150	
New Toronto	M.	84	(*36*)	50	(*12*)	110	(*25*)
	F.	70		40		90	
Orillia	M.	450	(*52*)	25	(*20*)	35	(*20*)
	F.	450		20		40	
Penetang	M.	31	(*72*)	13	(*19*)	54	(*1*)
	F.	38		15		80	
Toronto	M.	60	(*44*)	20	(*52*)	70	(*20*)
	F.	70		12		80	
Whitby	M.	187	(*52*)	58	(*33*)	195	(*25*)
	F.	157		29		100	
Woodstock	M.	81	(*57*)	38	(*54*)	78	(*24*)
	F.	88		34		85	

*Number held shown in Italics.

No. 9

held* and average patient attendance

Moving Pictures	Concerts	Picnics Rides and Hikes	Walking Parties	Physical Training Classes	Other Forms of Entertainment (Card Parties, etc.)	Other Forms of Organized Recreation (Bowling, Softball, etc.
—	95 (*1*)	— (*5*)	30 (*1600*)	—	—	56 (*110*)
—	100	25	25	—	—	—
—	— (*2*)	— (*263*)	— (*323*)	— (*96*)	— (*96*)	— (*300*)
—	380	98	137	25	32	40
232 (*8*)	175 (*1*)	408 (*1*)	188 (*306*)	43 (*154*)	—	23 (*53*)
179	162	285	125	—	—	17
—	—	— (*7*)	250 (*350*)	—	—	25 (*210*)
—	—	80	200	—	—	14
200 (*3*)	250 (*10*)	200 (*6*)	175 (*305*)	45 (*1456*)	150 (*5*)	200 (*40*)
120	150	150	95	—	80	12
—	— (*2*)	—	150 (*626*)	—	—	100 (*20*)
—	90	—	80	—	—	—
550 (*2*)	650 (*5*)	750 (*1*)	75 (*450*)	60 (*1400*)	20 (*16*)	350 (*17*)
450	600	600	35	45	18	300
67 (*36*)	72 (*21*)	44 (*3*)	44 (*15*)	—	12 (*185*)	28 (*537*)
62	86	26	10	—	17	150
110 (*2*)	95 (*6*)	35 (*2*)	120 (*150*)	15 (*70*)	35 (*40*)	25 (*80*)
90	90	—	75	—	120	40
—	275 (*12*)	484 (*1*)	150 (*313*)	18 (*1105*)	—	200 (*42*)
—	225	269	150	—	—	—
124 (*12*)	138 (*9*)	62 (*8*)	130 (*305*)	19 (*139*)	97 (*11*)	44 (*170*)
106	116	45	155	29	75	20

TABLE No. 10—

Distribution of patients according to hospital,

Hospitals	Industrial Work			Farm and Garden			Utility Staff			House-keeping or Kitchen			Voca-tional Classes			Occupa-tional Classes			Special Occu-pation			Ward Work		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M	F.	T.	M.	F.	T.
Brockville	25	.....	25	84	....	84	26	....	26	28	57	85	.....	24	24	.....	73	73	10	....	10	180	100	280
Cobourg	.....	59	59	.....	.....	.....	.....	21	21	.....	52	52	.....	14	14	.....	113	113	....	22	22	.....	66	66
Hamilton	4	.....	4	101	....	101	110	51	161	84	79	163	.....	.....	.....	28	71	99	11	6	17	274	111	385
Kingston	20	84	104	89	....	89	37	....	37	24	27	51	.....	.....	.....	27	41	68	3	....	3	170	119	289
London	30	.....	30	120	20	140	60	25	85	30	10	40	20	....	20	50	150	200	20	40	60	118	118	236
New Toronto	6	.....	6	75	....	75	20	....	20	12	6	18	.....	14	14	15	40	55	12	2	14	150	130	280
Orillia	89	86	175	103	....	103	30	....	30	49	138	187	139	10	149	226	303	529	4	6	10	139	107	246
Penetang	13	.....	13	54	....	54	33	....	33	95	59	154	10	....	10	6	17	23	10	....	10	55	36	91
Toronto	45	40	85	36	....	36	35	....	35	40	6	46	.....	.....	.....	15	94	109	6	....	6	200	105	305
Whitby	70	41	111	115	....	115	10	....	10	52	32	84	8	....	8	30	125	155	2	15	17	185	136	321
Woodstock	4	52	56	42	....	42	8	....	8	33	17	50	7	5	12	7	39	46	2	....	2	109	85	194
Fort William	2	.....	2	7	....	7	.....	.....	.....	3	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
Totals	308	362	670	826	20	846	369	97	466	450	483	933	184	67	251	404	1066	1470	80	91	171	1581	1113	2694

OCCUPATIONAL ACTIVITIES

sex, and present occupational programme

Boarding Out Patients			Total Number Occupied			Unoccupied (By Reason of Old Age or Physical Disability)						Unoccupied (By Reason of Mental Disability)						Total Number Unoccupied			Percentage Occupied		
						In Bed			Up			In Bed			Up								
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
9	11	20	362	265	627	25	46	71	35	30	65	81	111	192	14	81	95	155	268	423	*70.0*	*49.7*	*59.7*
.....	5	5	.....	352	352	.....	15	15	.....	14	14	.....	16	16	.....	39	39	.....	84	84	.....	*80.7*	*80.7*
14	6	20	626	324	950	18	28	46	25	32	57	13	116	129	104	255	359	160	431	591	*79.6*	*42.9*	*61.6*
22	17	39	392	288	680	33	20	53	57	29	86	50	75	125	103	137	240	243	261	504	*61.7*	*52.5*	*57.4*
23	49	72	471	412	883	42	94	136	132	50	182	36	15	51	112	210	322	322	369	691	*59.4*	*52.8*	*56.1*
88	24	112	378	216	594	89	85	174	115	120	235	86	75	161	220	178	398	510	458	968	*42.6*	*32.0*	*38.0*
.....	.....	.....	779	650	1429	8	12	20	31	70	101	58	41	99	65	133	198	162	256	418	*82.8*	*71.7*	*77.4*
.....	.....	.....	276	112	388	5	11	16	30	29	59	1	6	7	49	73	122	85	119	204	*76.5*	*48.5*	*65.5*
14	23	37	391	268	659	20	41	61	30	10	40	75	119	194	56	120	176	181	290	471	*68.4*	*48.0*	*58.3*
36	51	87	508	400	908	34	48	82	50	35	85	80	118	198	161	238	399	325	439	764	*61.0*	*47.7*	*54.3*
.....	.....	.....	212	198	410	11	3	14	20	17	37	7	6	13	36	23	59	74	49	123	*74.1*	*80.2*	*76.9*
.....	.....	.....	13	.....	13	.....	.....	.....	.....	.....	.....	8	.....	8	.....	.....	.....	8	.....	8	*61.9*	.....	*61.9*
206	186	392	4408	3485	7893	285	403	688	525	436	961	495	698	1193	920	1487	2407	2225	3024	5249	*66.5*	*53.5*	*60.0*

TABLE No. 11
PLACE OF BIRTH
Distribution of first admissions according to place of birth

Place of Birth	Male	Female	Total
Canada	1077	894	1971
Africa	.....	.....	.....
Australia	.....	1	1
Armenia	2	.....	2
Bulgaria	8	3	11
Austria	10	4	14
Belgium	.....	1	1
Central America	.....	.....	.....
China	7	.....	7
Czecho-Slovakia	10	2	12
Denmark	2	.....	2
England	149	138	287
Finland	10	9	19
France	14	10	24
Germany	6	8	14
Greece	3	3	6
Holland	1	2	3
Hungary	14	4	18
India	.....	.....	.....
Ireland	38	30	68
Italy	16	8	24
Japan	3	.....	3
Jugo-Slavia	5	3	8
Norway	3	.....	3
Newfoundland	2	1	3
Poland	28	19	47
Roumania	7	3	10
Russia	20	11	31
Scotland	32	46	78
South America	.....	.....	.....
Spain	.....	.....	.....
Sweden	8	1	9
Switzerland	1	1	2
Turkey	1	...	1
United States	29	30	59
West Indies	.....	1	1
Other British Possessions	2	2	4
Other Countries	6	7	13
Unascertained	4	7	11
Total	1,518	1,249	2,767

TABLE No. 12
NATIVITY OF PARENTS
Nativity of Parents of First Admissions

Parents	Male	Female	Total	
			No.	%
Both Native Born	645	529	1,174	*42.4*
Both Foreign Born	608	453	1,061	*38.3*
Mixed	152	153	305	*11.0*
Unascertained	113	114	227	*8.3*

TABLE No. 13

FOREIGN BORN FIRST ADMISSIONS

Length of residence in Canada previous to admission to hospital

Length of Residence	Male	Female	Total	
			No.	%
Under 5 years	18	10	28	*3.5*
5 to 9 years	90	63	153	*19.3*
10 to 14 years	75	70	145	*18.3*
15 years and over	234	184	418	*52.7*
Unascertained	23	26	49	*6.2*
Totals	440	353	793	*100.0*

TABLE No. 14

CITIZENSHIP

Citizenship of first admissions

Citizenship	Males	Females	Total	
			No.	%
Citizens by birth	1083	900	1983	*71.7*
Citizens by naturalization	220	146	366	*13.2*
Aliens	15	14	29	*1.0*
Citizenship unascertained	35	15	50	*1.8*
Citizens of British Birth outside Canada	165	174	339	*12.3*
Total	1518	1249	2767	*100·0*

TABLE No. 15

OCCUPATION

Occupations of first admissions previous to admission.

Occupation	Males	Females	Total	
			No.	%
Professional: (Religious, Legal, Medical, Educational, Engineers, etc.)	55	43	98	*3.5*
Commercial: (Bankers, Merchants, Accountants, Clerks, Salesmen, Stenographers, etc.)	166	62	228	*8.2*
Agricultural: (Farmers, Gardeners, Stockmen, etc.)	236	.....	236	*8.5*
Mechanics at Outdoor Vocations: (Stationary Engineers, Carpenters, Painters, Police, etc.)	135	.....	135	*4.9*
Mechanics, Etc. at Sedentary Vocations: Shoemakers, Bookbinders, Tailors, Factory Workers.)	129	29	158	*5.7*
Housewives:	.....	574	574	*20.7*
Domestic Service: (Waiters, Cooks, Servants, Housekeepers, Governesses, etc.)	26	225	251	*9.1*
Miners, Marine Engineers, Rlwy. Employees, Etc.	43	.....	43	*1.6*
Labourers	404	.....	404	*14.6*
No Occupation	317	302	619	*22.4*
Unascertained	7	14	21	*0.8*
Total	1,518	1,249	2,767	*100.0*

TABLE No. 16

CERTIFICATION

Showing a classification of first admissions and re-admissions, according to their method of certification

Hospitals	Classification of Admissions																	
	Totals			By Physician's Certificate			By Inspector's Warrant			By Lieut.-Governor's Warrant			By Voluntary Application					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.			
Brockville	127	147	274	100	126	226	13	3	16	2	1	3	12	17	29	...	...	...
Cobourg	...	70	70	...	58	58	...	10	10	...	2	2	...	...	...	...	...	...
Hamilton	304	235	539	180	196	376	104	32	136	4	4	8	16	3	19	...	...	...
Kingston	125	83	208	72	70	142	11	1	12	2	...	2	13	10	23	27	2	29
London	281	251	532	173	207	380	24	7	31	2	1	3	48	24	72	34	12	46
Mimico	335	207	542	136	148	284	157	52	209	15	...	15	27	7	34	...	...	...
Orillia	140	85	225	122	73	195	13	3	16	3	9	12	2	...	2	..	...	...
Penetang	31	9	40	15	9	24	4	...	4	5	...	5	1	..	1	6	...	6
Toronto	176	126	302	87	96	183	57	16	73	4	5	9	27	9	36	1	...	1
Whitby	269	266	535	132	195	327	37	19	56	...	3	3	100	49	149	...	...	...
Woodstock	61	50	111	46	40	86	2	4	6	...	1	1	13	5	18	...	...	...
Fort William	9	...	9	2	...	2	6	...	6	1	..	1	..	...	..	...	...	..
Totals	1,858	1,529	3,387	1,065	1,218	2,283	428	147	575	38	26	64	259	124	383	68	14	82
Percentage			*100.0*			*67.4*			*17.0*			*1.9*			*11.3*			*2.4*

TABLE No. 17
PSYCHOSES
Distribution of first admissions according to Psychoses

Psychoses	Males		Females		Total	
1. Traumatic psychoses		4		3		7
2. Senile psychoses		90		93		183
3. Psychoses with cerebral arteriosclerosis		106		81		187
4. General paresis		113		24		137
5. Psychoses with cerebral syphilis		7		1		8
6. Psychoses with Huntington's chorea		2		1		3
7. Psychoses with brain tumour		3		...		3
8. Psychoses with other brain or nervous diseases						
(a) Cerebral embolism	2		...		2	
(b) Paralysis agitans	1		...		1	
(c) Meningitis, tubercular or other forms						
(d) Multiple sclerosis	1	14	...	8	1	22
(e) Tabes dorsalis	1		...		1	
(f) Acute chorea	...		1		1	
(g) Other diseases	9		7		16	
9. Alcoholic psychoses						
(a) Delirium tremens	6		1		7	
(b) Korsakow's psychoses	2	53	1	9	3	62
(c) Acute hallucinosis	18		1		19	
(d) Other types, acute or chronic	27		6		33	
10. Psychoses due to drugs and other exogenous toxins.						
(a) Opium (and derivatives), cocaine bromides, chloral, etc., alone or combined	1		3		4	
(b) Metals, as lead, arsenic		7		5		12
(c) Gases	2		...		2	
(d) Other exogenous toxins	4		2		6	
11. Psychoses with pellagra	.....		.....		.....	
12. Psychoses with other somatic diseases						
(a) Delirium with infectious diseases	1		3		4	
(b) Post-infectious psychosis	2		2		4	
(c) Exhaustion delirium	5		19		24	
(d) Delirium of unknown origin	1	27	5	63	6	90
(e) Cardio-renal diseases	4		11		15	
(f) Diseases of the ductless glands	1		1		2	
(g) Other diseases or conditions	13		22		35	
13. Manic-depressive psychoses						
(a) Manic type	62		64		126	
(b) Depressive type	91	179	107	215	198	394
(c) Other types	26		44		70	
14. Involuton melancholia		22		51		73
15. Dementia praecox (schizophrenia)		347		269		616
16. Paranoia and paranoid conditions		30		22		52
17. Epileptic psychoses		25		28		53
18. Psychoneuroses and neuroses						
(a) Hysterical Type	6		22		28	
(b) Psychasthenic type (anxiety and obsessive forms)	5	34	6	57	11	91
(c) Neurasthenic type	17		22		39	
(d) Other type	6		7		12	
19. Psychoses with psychopathic personality		4		4		8
20. Psychoses with mental deficiency		44		42		26
21. Undiagnosed psychoses		14		12		86
22. Without psychoses						
(a) Epileptics not insane or feebleminded	34		19		53	
(b) Epileptics who are feebleminded	28		20		48	
(c) Alcoholism without psychoses	46		9		55	
(d) Drug addiction without psychoses	22	393	8	261	30	654
(e) Psychopathic personality without psychoses	35		5		40	
(f) Mental deficiency	195		174		369	
(g) Others	33		26		59	
Total		1,518		1,249		2,767

TABLE No. 17a

First admissions by Psychoses. Rate per 100,0000 Population. 1927—1936*

Psychoses	1927		1928		1929		1930		1931		1932		1933		1934		1935		1936	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Dementia Praecox	443	13.8	431	13.2	491	14.7	580	17.2	480	14.0	495	14.2	545	15.7	576	16.2	232	15.5	616	17.1
Manic Depressive	203	6.3	212	6.5	227	6.8	185	5.5	276	8.0	300	8.6	303	8.6	306	8.6	110	7.4	394	10.9
Senile	191	5.9	207	6.3	214	6.4	201	5.9	211	6.2	163	4.7	121	3.4	150	4.2	58	3.9	183	5.1
Mental deficiency without Psychoses	132	4.1	121	3.7	147	4.4	165	4.9	159	4.6	368	10.6	299	8.5	309	8.7	73	4.9	369	10.2
G. P. I. and Cerebral Syphilis	93	2.8	92	2.7	102	3.0	115	3.4	138	4.0	130	3.7	142	4.0	140	4.0	49	3.3	145	4.0
Psychoses with Cerebral Arteriosclerosis	66	2.1	79	2.4	106	3.2	79	2.3	88	2.6	131	3.8	147	4.2	155	4.4	56	3.8	187	5.2
Psychoses with Mental Deficiency	63	2.0	74	2.3	91	2.7	68	2.0	70	2.0	90	2.6	96	2.7	67	1.9	27	1.8	86	2.4
Epileptic Psychoses	45	1.4	39	1.2	58	1.7	45	1.3	58	1.7	41	1.2	44	1.3	54	1.5	15	1.0	53	1.5
Involution Melancholia	64	2.0	62	1.9	98	2.9	86	2.5	74	2.1	79	2.3	52	1.5	57	1.6	23	1.5	73	2.0
Paranoia and Paranoid Conditions	41	1.3	33	1.0	31	0.9	33	1.0	65	1.9	65	1.9	53	1.5	42	1.2	22	0.6	52	1.4
Alcoholic Psychoses	21	0.6	27	0.8	25	0.7	42	1.2	35	1.0	25	0.7	24	0.7	19	0.5	9	0.6	62	1.7
Alcoholism without Psychoses	8	0.2	26	0.8	13	0.4	15	0.4	22	0.6	21	0.6	19	0.5	25	0.7	16	1.1	55	1.5
Epilepsy without Psychoses	30	0.9	41	1.3	60	1.8	39	1.2	27	0.8	54	1.6	85	2.4	65	1.8	29	1.9	101	2.8
All Other	124	3.8	158	4.8	190	5.7	206	6.1	219	6.4	288	8.3	268	7.6	276	7.7	118	7.9	391	10.8
Total	1,524	47.4	1,602	49.0	1,853	55.5	1,859	54.7	1,922	56.0	2,250	64.8	2,198	62.5	2,241	63.9	837	56.1	2,767	76.9

* 1927—1934—Year ending October 31st

1935—Five months ending March 31st.

1936—Year ending March 31st.

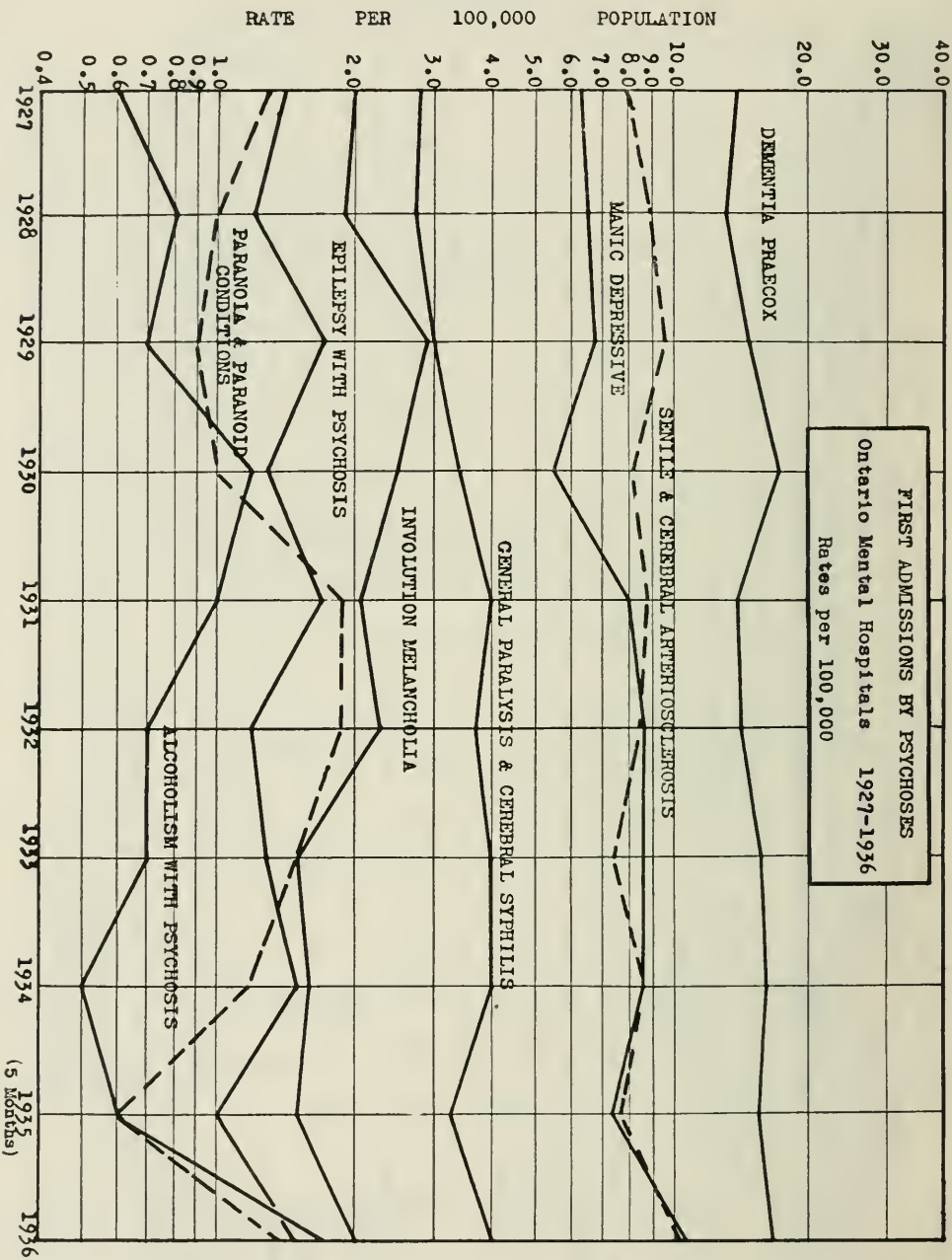

FIRST ADMISSIONS BY PSYCHOSES
Ontario Mental Hospitals 1927-1936
Rates per 100,000
RATE PER 100,000 POPULATION
DEMENTIA PRAECOX
SENILE & CEREBRAL ARTERIOSCLEROSIS
MANIC DEPRESSIVE
CEREBRAL PARALYSIS & CEREBRAL SYPHILIS
INVOLUTION MELANCHOLIA
EPILEPSY WITH PSYCHOSIS
PARANOIA & PARANOID CONDITIONS
ALCOHOLISM WITH PSYCHOSIS
40.0
30.0
20.0
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.9
0.8
0.7
0.6
0.5
0.4
1927
1928
1929
1930
1931
1932
1933
1934
1935 (5 Months)
1936

TABLE No. 18

Racial Extraction

Distribution of first admissions according to racial extraction and psychosis

Psychoses	Total			English			Irish			Scotch			French			All Others			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	4	3	7	1	2	3							1		1	1	1	2	1		1
2. Senile	90	93	183	41	30	71	23	26	49	7	20	27	5	6	11	9	7	16	5	4	9
3. With Cerebral Arteriosclerosis	106	81	187	42	41	83	20	12	32	20	12	32	6	6	12	16	9	25	2	1	3
4. General Paralysis	113	24	137	35	10	45	8	2	10	16	4	20	9	2	11	42	6	48	3		3
5. With Cerebral Syphilis	7	1	8	2	1	3				2		2				3		3			
6. With Huntington's Chorea	2	1	3		1	1	1		1										1		1
7. With Brain Tumor	3		3				1		1				1		1	1		1			
8. With other Brain or Nervous Diseases	14	8	22	4	2	6	1		1	1	3	4	3	1	4	5	2	7			
9. Alcoholic	53	9	62	17	2	19	14	2	16	7	2	9	4	1	5	9	2	11	2		2
10. Due to Drugs and other Exogenous Toxins	7	5	12	2	4	6	3	1	4	1		1				1		1			
11. With Pellagra																					
12. With other Somatic Diseases	27	63	90	9	25	34	4	15	19	3	14	17	2	2	4	6	6	12	3	1	4
13. Manic-Depressive	179	215	394	60	88	148	36	33	69	25	39	64	18	13	31	38	35	73	2	7	9
14. Involution Melancholia	22	51	73	9	17	26	4	13	17	3	10	13	2	4	6	4	6	10		1	1
15. Dementia Praecox	347	269	616	111	94	205	46	49	95	29	39	68	36	20	56	119	63	182	6	4	10
16. Paranoia or paranoid conditions	30	22	52	11	12	23	5	6	11	2	2	4	1		1	11	2	13			
17. Epileptic Psychoses	25	28	53	12	17	29	1	3	4	6	3	9	3	2	5	2	3	5	1		1
18. Psychoneuroses and Neuroses	34	57	91	17	32	49	5	6	11	4	9	13	2	2	4	6	8	14			
19. With Psychopathic Personality	4	4	8	2	2	4	1	1	2		1	1				1		1			
20. With Mental Deficiency	44	42	86	18	14	32	6	3	9	4	6	10	5	8	13	9	11	20	2		2
21. Undiagnosed Psychoses	14	12	26	5	5	10	5		5	2	4	6				1	3	4	1		1
22. Without Psychoses	393	261	654	154	104	258	62	33	95	56	38	94	31	27	58	76	45	121	14	14	28
Total	1518	1249	2767	552	503	1055	246	205	451	188	206	394	129	94	223	360	209	569	43	32	75

TABLE No. 19—

Distribution of first admissions

Psychoses	Total			Under 15 years			15-19 Years			20-24 Years			25-29 Years			30-34 Years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	4	3	7				1		1									
2. Senile	90	93	183															
3. With Cerebral Arteriosclerosis	106	81	187													1		1
4. General Paralysis	113	24	137				2	1	3				4	1	5	10	3	13
5. With Cerebral Syphilis	7	1	8															
6. With Huntington's Chorea	2	1	3							1		1						
7. With Brain Tumour	3		3	1		1												
8. With other Brain or Nervous Diseases	14	8	22										1	2	3	2	1	3
9. Alcoholic	53	9	62										2		2	10	4	14
10. Due to Drugs and other Exogenous Toxins	7	5	12											1	1	2		2
11. With Pellagra																		
12. With other Somatic Diseases	27	63	90				1		1		3	3	4	11	15	3	5	8
13. Manic-depressive	179	215	394	1		1	10	10	20	18	18	36	8	18	26	16	23	39
14. Involution Melancholia	22	51	73															
15. Dementia Praecox	347	269	616		2	2	28	14	42	59	31	90	62	46	108	56	59	115
16. Paranoia or Paranoid Conditions	30	22	52													2	1	3
17. Epileptic Psychoses	25	28	52	2		2	6	3	9	2	1	3	2	6	8	2	4	6
18. Psychoneuroses and Neuroses	34	57	91				1	3	4	4	6	10	4	9	13	5	14	19
19. With Psychopathic Personality	4	4	8					1	1		1	1	1		1			
20. With Mental Deficiency	44	42	86	1		1	7	6	13	6	7	13	5	6	11	8	3	11
21. Undiagnosed Psychoses	14	12	26		1	1	1	1	2		1	1	1	1	2	1	1	2
22. Without Psychoses	393	261	654	93	49	142	59	77	136	42	44	86	39	24	63	32	15	47
Total	1518	1249	2767	98	52	150	116	116	232	132	112	244	133	125	258	150	133	283

AGE

according to age and psychosis

35-39 Years			40-44 Years			45-49 Years			50-54 Years			55-59 Years			60-64 Years			65-69 Years			70 Years and over			Unascertained		
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
			1	1	2										2		2	1	1		1	1			
			1		1					1	1	4	3	7	8	7	15	12	16	28	64	58	122	1	8	9
1		1	1		1	3	4	7	4	5	9	12	11	23	22	17	39	29	24	53	33	20	53			
30	4	34	19	4	23	19	4	23	16	2	18	7	2	9	2	2	4	2		2	2		2		1	1
1		1	1		1	1		1	2		2	1		1		1	1				1		1			
1		1																	1	1						
									1		1										1		1			
4		4	3	1	4	1	3	4				1	1	2	1		1	1		1						
11	2	13	8	1	9	6	1	7	6	1	7	3		3	6		6	1		1						
1	1	2	1		1	2	1	3		1	1	1	1	2												
6	8	14	1	6	7	1	5	6	3	8	11	2	7	9	3	5	8	3	2	5		2	2		1	1
19	24	43	23	28	51	14	28	42	21	27	48	24	23	47	9	8	17	10	6	16	1	2	3	5		5
			1	5	6		16	16	4	15	19	9	8	17	6	6	12	2	1	3						
54	38	92	35	19	54	21	25	46	10	16	26	10	7	17	6	3	9	3	2	5		1	1	3	6	9
2	3	5	4	6	10	7	4	11	3	6	9	3	1	4	2		2	1		1	4	1	5	2		2
3	1	4		3	3	1	4	5	1	1	2	1	1	2	1	1	2	4	3	7						
9	5	14	2	5	7	2	7	9	2	1	3	3	3	6	1	2	3		2	2	1		1			
				1	1	2		2		1	1				1		1									
3	6	9	2	6	8	3	3	6	3	1	4	4	1	5	1		1	1	2	3		1	1			
3		3	3	1	4		1	1	2	1	3		2	2	2		2				1	2	3			
33	13	46	30	15	45	25	8	33	18	9	27	13	5	18	5	2	7	2		2	1		1	1		1
181	105	286	136	102	238	108	114	222	96	96	192	98	76	174	78	54	132	71	60	131	109	88	197	12	16	28

TABLE No. 20

Education

Distribution of first admissions according to previous education and present psychosis

Psychoses	Total			Illiterate			Reads and Writes			Common School			High School			University			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	4	3	7	2		2		1	1	2	1	3								1	1
2. Senile	90	93	183	6	2	8	12	12	24	49	51	100	9	4	13	1		1	13	24	37
3. With Cerebral Arteriosclerosis	106	81	187	3	2	5	14	14	28	72	53	125	6	8	14	2		2	9	4	13
4. General Paralysis	113	24	137	4	4	8	15	5	20	82	13	95	6	2	8	2		2	4		4
5. With Cerebral Syphilis	7	1	8	1		1		1	1	5		5							1		1
6. With Huntington's Chorea	2	1	3							2	1	3									
7. With Brain Tumor	3		3				1		1	1		1	1		1						
8. With other Brain or Nervous Diseases	14	8	22	1		1	1	2	3	9	3	12	1	3	4	1		1	1		1
9. Alcoholic	53	9	62				3		3	34	5	39	12	3	15	2		2	2	1	3
10. Due to Drugs and other Exogenous Toxins	7	5	12							7	2	9		3	3						
11. With Pellagra																					
12. With other Somatic Diseases	27	63	90		1	1	3	6	9	21	34	55	2	20	22				1	2	3
13. Manic-depressive	179	215	394	4	4	8	20	20	40	117	120	237	30	63	93	6	3	9	2	5	7
14. Involution Melancholia	22	51	73	2	1	3	3	10	13	14	27	41	1	7	8	1	3	4	1	3	4
15. Dementia Praecox	347	269	616	6	2	8	37	41	78	243	157	400	48	59	107	6	5	11	7	5	12
16. Paranoia or paranoid conditions	30	22	52	2		2	2	1	3	23	13	36	1	7	8				2	1	3
17. Epileptic Psychoses	25	28	53	4	1	5	7	2	9	10	21	31	3	4	7				1		1
18. Psychoneuroses and Neuroses	34	57	91	1		1	1	8	9	23	36	59	7	13	20	2		2			
19. With Psychopathic Personality	4	4	8				1		1	1	3	4	1	1	2	1		1			
20. With Mental Deficiency	44	42	86	5	8	13	14	14	28	24	18	42							1	2	3
21. Undiagnosed Psychoses	14	12	26				2	4	6	10	6	16		2	2	1		1	1		1
22. Without Psychoses	393	261	654	113	64	177	89	91	180	134	88	222	44	15	59	8		8	5	3	8
Total	1518	1249	2767	154	89	243	225	232	457	883	652	1535	172	214	386	33	11	44	51	51	102

TABLE No. 21

PREVIOUS ENVIRONMENT

The proportion of first admissions coming from Rural and Urban centres according to Psychoses.

Psychoses	Total			Urban, 2,500 and over			Rural			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	4	3	7	3	3	6	1	.....	1	.....	.....	.....
2. Senile	90	93	183	58	73	131	32	20	52	.....	.....	.....
3. With Cerebral Arteriosclerosis	106	81	187	74	62	136	32	19	51	.....	.....	.....
4. General Paralysis	113	24	137	82	19	101	31	4	35	.....	.....	.....
5. With Cerebral Syphilis	7	1	8	7	1	8	.....	.....	.....	.....	1	1
6. With Huntington's Chorea	2	1	3	1	1	2	1	.....	1	.....	.....	.....
7. With Brain Tumor	3	.....	3	3	.....	3	.....	.....	.....	.....	.....	.....
8. With other Brain or Nervous Diseases	14	8	22	11	6	17	3	2	5	.....	.....	.....
9. Alcoholic	53	9	62	45	8	53	8	1	9	.....	.....	.....
10. Due to Drugs and other Exogenous Toxins	7	5	12	6	4	10	1	1	2	.....	.....	.....
11. With Pellagra	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12. With other Somatic Diseases	27	63	90	17	43	60	10	20	30	.....	.....	.....
13. Manic-depressive	179	215	394	110	151	261	69	64	133	.....	.....	.....
14. Involution-Melancholia	22	51	73	17	38	55	5	13	18	.....	.....	.....
15. Dementia Praecox	347	269	616	214	187	401	131	77	208	2	5	7
16. Paranoia or Paranoid Conditions	30	22	52	19	20	39	10	2	12	1	.....	1
17. Epileptic Psychoses	25	28	53	13	19	32	12	9	21	.....	.....	.....
18. Psychoneuroses and Neuroses	34	57	91	28	42	70	6	15	21	.....	.....	.....
19. With Psychopathic Personality	4	4	8	3	3	6	1	1	2	.....	.....	.....
20. With Mental Deficiency	44	42	86	22	26	48	22	16	38	.....	.....	.....
21. Undiagnosed Psychoses	14	12	26	10	11	21	4	1	5	.....	.....	.....
22. Without Psychoses	393	261	654	309	214	523	83	47	130	1	.....	1
Total	1,518	1,249	2,767	1,052	931	1,983	462	312	774	4	6	10

TABLE No. 22

ALCOHOLISM

Distribution of first admissions according to the history of alcoholism and present psychoses.

Psychoses	Total			Abstinent			Temperate			Intemperate			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	4	3	7	2	3	5	2	...	2	...	...	...	...	...	...
2. Senile	90	93	183	35	72	107	35	17	52	10	1	11	10	3	13
3. With Cerebral Arteriosclerosis	106	81	187	37	61	98	53	14	67	11	...	11	5	6	11
4. General Paralysis	113	24	137	25	17	42	52	5	57	31	1	32	5	1	6
5. With Cerebral Syphilis	7	1	8	4	...	4	1	1	2	2	...	2	...	...	...
6. With Huntington's Chorea	2	1	3	...	1	1	1	...	1	1	...	1	...	...	...
7. With Brain Tumour	3	...	3	3	...	3	...	...	...	..	...	...	...	...	...
8. With other Brain or Nervous Diseases	14	8	22	2	5	7	11	2	13	1	...	1	...	1	1
9. Alcoholic	53	9	62	...	...	...	...	...	...	53	9	62	...	...	...
10. Due to Drugs and other Exogenous Toxins	7	5	12	2	2	4	3	2	5	1	1	2	1	...	1
11. With Pellagra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12. With other Somatic Diseases	27	63	90	8	41	49	15	11	26	3	4	7	1	7	8
13. Manic-depressive	179	215	394	70	158	228	81	47	128	14	5	19	14	5	19
14. Involution Melancholia	22	51	73	10	42	52	8	6	14	3	...	3	1	3	4
15. Dementia Praecox	347	269	616	136	194	330	152	60	212	43	3	46	16	12	28
16. Paranoia or Paranoid Conditions	30	22	52	9	14	23	16	4	20	2	1	3	3	3	6
17. Epileptic Psychoses	25	28	53	17	22	39	6	6	12	2	...	2	..	.	...
18. Psychoneuroses and Neuroses	34	57	91	14	44	58	17	8	25	3	3	6	...	2	2
19. With Psychopathic Personality	4	4	8	3	1	4	1	2	3	...	...	...	...	1	1
20. With Mental Deficiency	44	42	86	15	29	44	22	11	33	5	...	5	2	2	4
21. Undiagnosed Psychoses	14	12	26	6	7	13	5	5	10	2	...	2	1	...	1
22. Without Psychoses	393	261	654	224	210	434	78	38	116	86	12	98	5	1	6
Total	1,518	1,249	2,767	622	923	1,545	559	239	798	273	40	313	64	47	111

TABLE No. 23

ECONOMIC STATUS

Distribution of first admissions according to their economic status and psychosis

Psychoses	Total			Indigent			Marginal			Comfortable			Affluent			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	4	3	7	1	.....	1	3	2	5	.....	.....	.....	.....	1	1	.....	.....	.....
2. Senile	90	93	183	48	38	86	25	31	56	14	22	36	.....	1	1	3	1	4
3. With Cerebral Arteriosclerosis	106	81	187	52	26	78	29	34	63	23	16	39	.....	.....	.....	2	5	7
4. General Paralysis	113	24	137	74	10	84	32	11	43	5	1	6	.....	2	2	2	.....	2
5. With Cerebral Syphilis	7	1	8	5	.....	5	.....	1	1	2	.....	2	.....	.....	.....	.....	.....	.....
6. With Huntington's Chorea	2	1	3	2	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7. With Brain Tumour	3	.....	3	1	.....	1	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
8. With other Brain or Nervous Diseases	14	8	22	11	4	15	2	1	3	1	3	4	.....	.....	.....	.....	.....	.....
9. Alcoholic	53	9	62	29	2	31	11	3	14	9	2	11	.....	.....	.....	4	2	6
10. Due to Drugs and other Exogenous Toxins	7	5	12	5	.....	5	2	3	5	.....	1	1	.....	.....	.....	.....	1	1
11. Pellagra	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12. With other Somatic Diseases	27	63	90	13	27	40	6	17	23	6	16	22	.....	.....	.....	2	3	5
13. Manic-depressive	179	215	394	74	60	134	64	83	147	28	59	87	1	1	2	12	12	24
14. Involution Melancholia	22	51	73	4	11	15	13	19	32	5	20	25	.....	.....	.....	.....	1	1
15. Dementia Praecox	347	269	616	202	106	308	93	103	196	29	58	87	.....	.....	.....	23	2	25
16. Paranoia or Paranoid Conditions	30	22	52	18	6	24	5	8	13	4	6	10	.....	.....	.....	3	2	5
17. Epileptic Psychoses	25	28	53	11	9	20	7	13	20	7	5	12	.....	1	1	.....	.....	.....
18. Psychoneuroses and Neuroses	34	57	91	18	22	40	13	24	37	3	10	13	.....	.....	.....	.....	1	1
19. With Psychopathic Personality	4	4	8	3	2	5	.....	1	1	1	1	2	.....	.....	.....	.....	.....	.....
20. With Mental Deficiency	44	42	86	29	31	60	8	9	17	5	2	7	.....	.....	.....	2	.....	2
21. Undiagnosed Psychoses	14	12	26	8	4	12	5	5	10	1	2	3	.....	.....	.....	.....	1	1
22. Without Psychoses	393	261	654	187	144	331	147	87	234	56	28	84	1	1	2	2	1	3
Total	1,518	1,249	2,767	795	503	1,298	467	455	922	199	252	451	2	7	9	55	32	87

TABLE No. 24

Marital Status

Distribution of first admissions according to Marital Status and psychosis

Psychoses	Total			Single			Married			Widowed			Separated			Divorced			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	4	3	7	1	1	2	3	1	4		1	1									
2. Senile	90	93	183	21	27	48	46	20	66	23	44	67		2	2						
3. With Cerebral Arteriosclerosis	106	81	187	14	12	26	68	33	101	21	32	53	3	4	7						
4. General Paralysis	113	24	137	36	4	40	64	15	79	6	2	8	3	3	6	2		2	2		2
5. With Cerebral Syphilis	7	1	8	2		2	4		4	1	1	2									
6. With Huntington's Chorea	2	1	3	1		1	1		1		1	1									
7. With Brain Tumour	3		3	2		2	1		1												
8. With other Brain or Nervous Diseases	14	8	22	8	1	9	6	6	12		1	1									
9. Alcoholic	53	9	62	22	1	23	28	6	34	1	2	3	2		2						
10. Due to Drugs and other Exogenous Toxins	7	5	12	3		3	2	5	7				1		1	1		1			
11. With Pellagra																					
12. With other Somatic Diseases	27	63	90	8	17	25	17	41	58	1	4	5	1	1	2						
13. Manic-Depressive	179	215	394	75	57	132	94	129	223	7	24	31	2	4	6		1	1	1		1
14. Involution Melancholia	22	51	73	2	16	18	17	24	41	2	7	9		3	3		1	1	1		1
15. Dementia Praecox	347	269	616	245	140	385	76	110	186	9	13	22	3	2	5	2		2	12	4	16
16. Paranoia or Paranoid Conditions	30	22	52	6	7	13	17	12	29	3	3	6	1		1	1		1	2		2
17. Epileptic Psychoses	25	28	53	21	19	40	4	8	12		1	1									
18. Psychoneuroses and Neuroses	34	57	91	16	19	35	15	33	48	2	3	5	1	2	3						
19. With Psychopathic Personality	4	4	8	4	3	7											1	1			
20. With Mental Deficiency	44	42	86	33	27	60	10	12	22		2	2					1	1	1		1
21. Undiagnosed Psychoses	14	12	26	5	4	9	8	7	15	1	1	2									
22. Without Psychoses	393	261	654	279	202	481	98	44	142	9	9	18	5	6	11	2		2			
Total	1,518	1,249	2,767	804	557	1,361	579	506	1,085	86	151	237	22	27	49	8	4	12	19	4	23

TABLE No. 25

ABNORMAL CONDITION IN RELATIVES

Distribution of first admissions according to the reported abnormal conditions in the relatives and present psychosis

Psychoses	Total No.	Psychoses	Neuroses	Mental Deficiency	Suicidal Attempts	Psychopathic Personality	Alcohol, Drugs, etc.	Unascertained	Denied
1. Traumatic Psychoses	7	.....	.....	.....	.....	.....	.....	2	5
2. Senile Psychoses	183	28	11	1	4	.....	3	61	75
3. Psychoses with Cerebral Arteriosclerosis	187	33	7	.....	4	.....	1	56	86
4. General Paralysis	137	9	4	.....	1	.....	2	40	81
5. Psychoses with Cerebral Syphilis	8	1	.....	.....	.....	.....	.....	3	4
6. Psychoses with Brain Tumour	3	2	.....	.....	.....	.....	.....	1	.....
7. Psychoses with Brain Tumour	3	1	.....	1	.....	.....	.....	1	.....
8. Psychoses with other Brain or Nervous Diseases	22	2	.....	1	.....	.....	.....	10	9
9. Alcoholic Psychoses	62	5	5	.....	.....	.....	7	29	16
10. Psychoses due to Drugs, other Exogenous Toxins	12	.....	.....	.....	.....	.....	.....	6	6
11. Psychoses with Pellagra	.....	.....	.....	.....	.....	.....	.....	.....	.....
12. Psychoses with other Somatic Diseases	90	12	6	4	3	.....	4	27	34
13. Manic-depressive Psychoses	394	82	26	6	11	.....	12	82	175
14. Involutional Melancholia	73	15	8	.....	2	.....	1	10	37
15. Dementia Praecox (Schizophrenia)	616	151	36	3	8	2	11	153	252
16. Paranoia or Paranoid Conditions	52	9	4	1	2	.....	4	10	22
17. Epileptic Psychoses	53	7	5	1	.....	.....	2	6	32
18. Psychoneuroses and Neuroses	91	17	13	1	2	.....	3	10	45
19. Psychoses with Psychopathic Personality	8	2	1	.....	.....	.....	.....	2	3
20. Psychoses with Mental Deficiency	86	18	1	13	4	.....	1	20	29
21. Undiagnosed Psychoses	26	4	2	.....	.....	.....	.....	9	11
22. Without Psychoses	654	67	18	86	3	1	49	92	338
Totals	2767	465	147	118	44	3	100	630	1260

TABLE No. 26

Re-admissions

Length of stay out of hospital of those re-admitted during the year.

Psychoses	Length of Stay Out of Hospital Before Re-admission																											
	Total			Less than one month			1–4 Months			5–8 Months			9–11 Months			1–2 Years			3–5 Years			6–10 Years			Over 10 Years			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic																														
2. Senile	6	4	10								1	1		1	1	2		2	2		2	2	1	3					1	1
3. With Cerebral Arteriosclerosis	11	10	21	2		2	1	2	3							3	1	4	5	1	6		3	3		3	3			
4. General Paralysis	19	7	26	2		2	2	2	4		1	1	2		2	7	1	8	5	2	7		1	1	1		1			
5. With Cerebral Syphilis	1	1	2																1	1	2									
6. With Huntington's Chorea		3	3								1	1		1	1		1	1												
7. With Brain Tumour																														
8. With other Brain or Nervous Diseases	2		2				1		1	1		1																		
9. Alcoholic	13	3	16	6		6	2		2	1	1	2				2	1	3	1		1		1	1				1		1
10. Due to Drugs and other Exogenous Toxins	6		6				5		5																			1		1
11. With Pellagra																														
12. With other Somatic Diseases	2	4	6								1	1					2	2	1		1		1	1	1		1			
13. Manic-depressive	68	92	160		1	1	11	5	16	4	7	11	4	9	13	16	21	37	16	22	38	8	13	21	9	13	22		1	1
14. Involution Melancholia	1	3	4				1	1	2					1	1		1	1												
15. Dementia Praecox	98	86	184	3	6	9	8	6	14	17	12	29	7	8	15	19	20	39	25	13	38	13	13	26	6	8	14			
16. Paranoia or Paranoid Conditions	4	1	5							1		1				2	1	3	1		1									
17. Epileptic Psychoses	7	5	12	1		1	1	2	3	1	1	2				3		3				1	1	2		1	1			
18. Psychoneuroses and Neuroses	3	11	14	1	1	2		1	1	1	3	4				1	2	3		1	1		2	2					1	1
19. With Psychopathic Personality	4	1	5				2		2							1		1	1		1								1	1
20. With Mental Deficiency	5	16	21					2	2							1	9	10	2	3	5	1	1	2	1	1	2			
21. Undiagnosed Psychoses	6	3	9					1	1	1		1	1		1	1	1	2	2	1	3							1		1
22. Without Psychoses	84	30	114	15	1	16	16	3	19	9	8	17	6	3	9	19	8	27	7	2	9	6	2	8	3	3	6	3		3
Total	340	280	620	30	9	39	50	25	75	36	36	72	20	23	43	77	69	146	69	46	115	31	39	70	21	29	50	6	4	10

TABLE No. 27

Disposal of first admissions and re-admissions during the year

Disposals	Male	Female	Total	
			Number	%
Discharged	415	262	677	*20.0*
Died	151	116	267	*7.9*
Transferred	23	26	49	*1.5*
Eloped and were not recaptured	10	...	10	*0.3*
On Probation	142	195	337	*9.9*
Remaining in Hospital	1117	930	2047	*60.4*
Totals	1858	1529	3387	*100.0*

TABLE No. 28

DISCHARGED PATIENTS

Showing the distribution of patients discharged from each hospital according to their condition at time of discharge

Hospitals	CLASSIFICATION OF DISCHARGES														
	Totals			As Recovered			As Improved			As Unimproved			As Without Psychosis		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville..	40	58	98	15	25	40	21	25	46	2	5	7	2	3	5
Cobourg....	...	9	9	....	....	....	....	1	1	....	....	....	....	8	8
Hamilton..	160	110	270	46	36	82	37	41	78	10	16	26	67	17	84
Kingston..	67	45	112	30	20	50	22	14	36	2	5	7	13	6	19
London....	141	131	272	39	59	98	64	63	127	10	7	17	28	2	30
Mimico.....	108	71	179	44	22	66	53	39	92	9	9	18	2	1	3
Orillia.....	36	41	77	....	.....	.....	....	....	....	....	....	....	36	41	77
Penetang...	22	6	28	1	....	1	8	1	9	5	1	6	8	4	12
Toronto....	90	54	144	27	11	38	40	35	75	5	3	8	18	5	23
Whitby.....	187	152	339	53	27	80	63	93	156	4	5	9	67	27	94
Woodstock.	43	19	62	13	2	15	1	2	3	1	2	3	28	13	41
Totals	894	696	1590	278	202	470	309	314	623	48	53	101	269	127	396
Percentage			*100.0*			*29.5*			*39.2*			*6.4*			*24.9*

TABLE No. 29—

Distribution of length of stay in hospital of those who were

Psychoses	Grand Total			RECOVERIES								
				Total Recoveries			0-6 Months			7-11 Months		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	.....	1	1	.....	1	1	.....	1	1	.....	.....	.....
2. Senile	10	19	29	2	2	4	2	1	3	.....	1	1
3. With Cerebral Arteriosclerosis	25	24	49	1	3	4	.....	3	3	.....	.....	.....
4. General Paralysis	47	13	60	5	4	9	3	1	4	2	2	4
5. With Cerebral Syphilis	2	1	3	.....	1	1	.....	.....	.....	.....	.....	.....
6. With Huntington's Chorea	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
7. With Brain Tumour	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8. With other Brain or Nervous Diseases	9	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....
9. Alcoholic	60	26	86	54	21	75	46	21	67	6	.....	6
10. Due to Drugs and other Exogenous Toxins	7	4	11	2	2	4	2	2	4	.....	.....	.....
11. With Pellagra	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12. With other Somatic Diseases	21	35	56	7	16	23	6	11	17	.....	3	3
13. Manic-depressive	171	167	338	111	82	193	65	53	118	11	17	28
14. Involution Melancholia	24	22	46	6	10	16	4	6	10	1	.....	1
15. Dementia Praecox	137	127	264	33	26	59	21	17	38	8	7	15
16. Paranoia or Paranoid Conditions	15	23	38	3	2	5	1	2	3	1	.....	1
17. Epileptic Psychoses	22	12	34	14	3	17	1	.....	1	.....	.....	.....
18. Psychoneuroses and Neuroses	29	59	88	12	17	29	11	15	26	.....	1	1
19. With Psychopathic Personality	10	10	20	3	3	6	2	3	5	.....	.....	.....
20. With Mental Deficiency	14	16	30	5	4	9	3	4	7	.....	.....	.....
21. Undiagnosed Psychoses	20	7	27	10	5	15	7	4	11	2	1	3
22. Without Psychoses	269	127	396	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	894	696	1590	268	202	470	174	144	318	31	32	63

DISCHARGES

discharged during the year according to psychosis and condition on discharge

									IMPROVED															
1-2 Years			3-5 Years			Over 5 Years			Total Improved			0-6 Months			7-11 Months			1-2 Years			3-5 Years			Over 5 Years		
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
									5	10	15	4	5	9		1	1	1		1		2	2		2	2
			1		1				18	16	34	8	8	16	4	3	7	5	5	10	1		1			
				1	1				45	8	53	13	2	15	16	1	17	9	5	14	6		6	1		1
							1	1	2		2							1		1				1		1
										1	1								1	1						
									7		7	1		1				6		6						
2		2							6	5	11	6	2	8		3	3									
									5	2	7	5		5					1	1		1	1			
1	1	2					1	1	14	18	32	7	8	15	6	1	7	1	5	6		3	3		1	1
26	10	36	9	2	11				52	81	133	17	37	54	10	19	29	13	20	33	8	4	12	4	1	5
1	2	3		2	2				13	11	24	1	5	6	2	2	4	5	1	6	4	1	5	1	2	3
3	2	5	1		1				90	87	177	44	37	81	19	14	33	12	27	39	6	6	12	9	3	12
						1		1	9	17	26	6	6	12	2	7	9	1	3	4					1	1
2	1	3	5	1	6	6	1	7	6	7	13	3	3	6		2	2	2	2	4	1		1			
1		1		1	1				17	33	50	13	24	37	2	3	5	2	5	7		1	1			
1		1							6	7	13	2	3	5	1	2	3	3	2	5						
2		2							7	9	16	4	2	6	1	2	3		5	5	1		1	1		1
1		1							7	2	9	7	2	9												
40	16	56	16	7	23	7	3	10	309	314	623	141	144	285	63	60	123	61	82	143	27	18	45	17	10	27

TABLE No. 29 (Continued)

DISCHARGES

Distribution of length of stay in hospital of those who were discharged during the year according to psychosis and condition on discharge.

Psychoses	UNIMPROVED																				
	Total Unimproved			0–6 Months			7–11 Months			1–2 Years			3–5 Years			Over 5 Years			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic																					
2. Senile	3	7	10	1	4	5		1	1	1	1	2	1		1		1	1			
3. With Cerebral Arteriosclerosis	1	3	4		2	2	1	1	2												
4. General Paralysis	2	3	5	2	1	3					2	2									
5. With Cerebral Syphilis																					
6. With Huntington's Chorea																					
7. With Brain Tumour																					
8. With other Brain or Nervous Diseases	2	1	3	1	1	2				1		1									
9. Alcoholic																					
10. Due to Drugs and other Exogenous Toxins																					
11. With Pellagra																					
12. With other Somatic Diseases		1	1		1	1															
13. Manic-depressive	8	4	12	5	3	8				2	1	3	1		1						
14. Involution Melancholia	5	1	6				2		2		1	1	3		3						
15. Dementia Praecox	14	14	28	9	11	20	3		3	1	2	3	1		1		1	1			
16. Paranoia or Paranoid Conditions	3	4	7		2	2	1	1	2	1	1	2	1		1						
17. Epileptic Psychoses	2	2	4	1	2	3	1		1												
18. Psychoneuroses and Neuroses	2	9	11	2	7	9		2	2												
19. With Psychopathic Personality	1		1	1		1															
20. With Mental Deficiency	2	4	6	2	1	3					2	2								1	1
21. Undiagnosed Psychoses	3		3	2		2							1		1						
22. Without Psychoses																					
Total	48	53	101	26	35	61	8	5	13	6	10	16	8		8		2	2		1	1

TABLE No. 30—

Distribution of patients who died during the year

Cause of Death	Total	Senile	With Cerebral Arterio-sclerosis	General Paralysis	Alcoholic
I. Epidemic and Infectious Diseases:					
Scarlet Fever	1	.....	.....	.....	.....
Influenza	1	.....	1	.....	.....
Dysentery	2	.....	1	.....	.....
Erysipelas	4	.....	.....	.....	.....
Lethargic Encephalitis	1	.....	.....	.....	.....
Tuberculosis of the Respiratory System	61	8	4	1	.....
Tuberculosis of other Organs	9	3	.....	.....	.....
Purulent Infection, Septicaemia	3	1	.....	.....	.....
Other Infectious diseases	2	.....	.....	.....	.....
Sub-Total	84	12	6	1	.....
II. General Diseases not Included in Class I:					
Cancer and other malignant tumours	17	2	.....	1	.....
Pellagra	1	.....	.....	.....	.....
Diabetes	2	.....	.....	.....	.....
Other General diseases	4	.....	1	.....	.....
Sub-Total	24	2	1	1	.....
III. Diseases of the Nervous System:					
Tabes Dorsalis	2	.....	.....	2	.....
Cerebral haemorrhage, apoplexy	46	12	10	1	.....
General Paralysis of the Insane	26	.....	.....	25	.....
Other forms of Mental Disease	49	2	3	.....	.....
Epilepsy	19	.....	.....	.....	.....
Chorea	2	.....	.....	.....	.....
Other diseases of the nervous system	4	.....	.....	.....	.....
Sub-Total	148	14	13	28	.....
IV. Diseases of the Circulatory System:					
Endocarditis and myocarditis	137	44	28	3	.....
Other diseases of the heart	6	2	1	.....	.....
Arteriosclerosis	27	9	9	2	1
Other diseases of the arteries	3	1	1	.....	.....
Other diseases of the circulatory system	2	1	.....	.....	.....
Sub-Total	175	57	39	5	1
V. Diseases of the Respiratory System:					
Bronchitis	3	.....	.....	.....	.....
Bronchopneumonia	226	45	38	16	2
Lobar pneumonia	47	4	1	5	.....
Asthma	1	.....	1	.....	.....
Other diseases of the respiratory system (T.B. excepted)	7	2	.....	.....	.....
Sub-Total	284	51	40	21	2

CAUSE OF DEATH

according to the cause of death and psychosis

Manic-Depressive	Involution Melancholia	Dementia Praecox	Paranoia and Paranoid Conditions	Epileptic Psychoses	Psycho-Neuroses and Neuroses	With psychopathic Personality	With Mental Deficiency	All Other
.....	.....	.....	.....	.....	.....	.....	.....	1
.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	1	.....	.....	.....	.....	.....	.....
1	.....	2	.....	.....	.....	.....	1	.....
.....	.....	.....	.....	.....	.....	.....	.....	1
3	.....	31	.....	.....	.....	.....	2	12
.....	.....	5	.....	.....	.....	.....	1	.....
.....	.....	2	.....	.....	.....	.....	.....	.....
1	.....	1	.....	.....	.....	.....	.....	.....
5	.....	42	.....	.....	.....	.....	4	14
3	.....	9	.....	.....	1	.....	.....	1
.....	.....	.....	.....	.....	.....	.....	.....	1
.....	.....	.....	.....	.....	.....	.....	.....	2
.....	.....	2	.....	.....	.....	.....	.....	1
3	.....	11	.....	.....	1	.....	.....	5
.....	.....	.....	.....	.....	.....	.....	.....	.....
2	1	12	.....	1	.....	.....	2	5
.....	.....	1	.....	.....	.....	.....	.....	.....
15	1	8	.....	3	.....	.....	3	14
.....	.....	2	.....	11	.....	.....	1	5
.....	.....	.....	.....	.....	.....	.....	.....	2
.....	1	.....	.....	.....	.....	.....	.....	3
17	3	23	.....	15	.....	.....	6	29
7	2	35	2	1	1	.....	2	12
.....	.....	1	.....	.....	.....	.....	.....	2
1	.....	5	.....	.....	.....	.....	.....	.....
.....	1	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	1
8	3	41	2	1	1	.....	2	15
.....	.....	3	.....	.....	.....	.....	.....	.....
32	7	48	1	8	.....	.....	3	26
5	1	11	1	4	.....	1	5	9
.....	.....	.....	.....	.....	.....	.....	.....	.....
1	.....	3	1	.....	.....	.....	.....	.....
38	8	65	3	12	.....	1	8	35

TABLE No. 30—

Distribution of patients who died during the year

Cause of Death	Total	Senile	With Cerebral Arterio-sclerosis	General Paralysis	Alcoholic
VI. Diseases of the Digestive System:					
Diseases of the pharynx and tonsils	1	.....	.....	.....	.....
Ulcer of stomach and duodenum	2	.....	.....	.....	.....
Diarrhea and enteritis	5	.....	1	.....	.....
Hernia and Intestinal obstruction	5	.....	.....	.....	.....
Other diseases of the intestines	6	1	.....	.....	.....
Other diseases of the liver	1	.....	.....	.....	.....
Other diseases of the digestive system (Cancer and T.B. excepted)	4	1	.....	.....	.....
Sub-Total	24	2	1	.....	.....
VII. Non-Venereal Diseases of Genito-Urinary System and Annexa:					
Nephritis	6	.....	1	.....	.....
Other diseases of the kidneys and annexa	3	.....	.....	.....	.....
Diseases of the bladder	1	1	.....	.....	.....
Diseases of prostate	1	.....	.....	.....	.....
Sub-Total	11	1	1	.....	.....
VIII. Diseases of the Skin and Cellular Tissue:					
Gangrene	5	2	.....	1	.....
Other diseases of the Skin and annexa	1	.....	1	.....	.....
Sub-Total	6	2	1	1	.....
IX. Diseases of the Bones and Organs of Locomotion (T.B. and Rheumatism Excepted)	1	.....	.....	.....	.....
X. Other Diseases not Included in Above Groups	3	.....	.....	.....	.....
XI. External Causes:					
Suicide	6	1	.....	.....	.....
Drowning	2	.....	.....	.....	.....
Accidental traumatism	2	1	.....	.....	.....
Sub-Total	10	2	.....	.....	.....
Grand Total	770	143	102	57	3

CAUSE OF DEATH

according to the cause of death and psychosis

Manic-Depressive	Involution Melancholia	Dementia Praecox	Paranoia and Paranoid Conditions	Epileptic Psychoses	Psycho-Neuroses and Neuroses	With psychopathic Personality	With Mental Deficiency	All Other
1	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	1	1
.....	.....	2	.....	.....	.....	.....	.....	2
.....	1	3	.....	.....	.....	.....	.....	1
.....	.....	5	.....	.....	.....	.....	.....	.....
1	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	1	.....	.....	.....	.....	1	1
2	1	11	.....	.....	.....	.....	2	5
.....	.....	4	.....	.....	.....	.....	.....	1
.....	.....	1	.....	1	.....	.....	.....	1
.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	1	.....	.....	.....	.....	.....	.....
.....	.....	6	.....	1	.....	.....	.....	2
1	.....	1	.....	.....	.....	.....	.....	.....
1	.....	1	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	1
.....	.....	1	.....	1	.....	.....	.....	1
1	.....	3	.....	1	.....	.....	.....	.....
1	.....	.....	.....	.....	.....	.....	.....	1
.....	.....	.....	.....	.....	.....	.....	.....	1
2	.....	3	.....	1	.....	.....	.....	2
76	15	204	5	31	2	1	22	109

TABLE No. 31—

Distribution of patients who died during the year

Psychoses	Total			Under 15 years			15-19 Years			20-24 Years			25-29 Years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	2	2	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2. Senile	68	75	143	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3. With Cerebral Arteriosclerosis	60	42	102	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4. General Paralysis	48	9	57	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
5. With Cerebral Syphilis	4	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6. With Huntington's Chorea	.....	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7. With Brain Tumour	4	.....	4	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
8. With other Brain or Nervous Diseases	4	2	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
9. Alcoholic	2	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10. Due to Drugs and other Exogenous Toxins	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11. With Pellagra	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12. With other Somatic Diseases	9	17	26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1
13. Manic-depressive	28	48	76	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2
14. Involution Melancholia	4	11	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15. Dementia Praecox	108	96	204	.....	.....	.....	.....	.....	.....	2	6	8	11	7	18
16. Paranoia or Paranoid Conditions	3	2	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17. Epileptic Psychoses	14	17	31	.....	.....	.....	.....	1	1	.....	.....	.....	3	1	4
18. Psychoneuroses and Neuroses	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19. With Psychopathic Personality	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20. With Mental Deficiency	7	15	22	.....	.....	.....	.....	1	1	1	2	3	2	.....	2
21. Undiagnosed Psychoses	3	6	9	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
22. Without Psychoses	33	19	52	9	1	10	5	3	8	4	.....	4	1	.....	1
Total	403	367	770	10	2	12	5	5	10	7	8	15	19	11	30

AGE AT DEATH

according to their psychosis and age at death

30-34 Years			35-39 Years			40-44 Years			45-49 Years			50-54 Years			55-59 Years			60-64 Years			65-69 Years			70 Years and over		
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
						1		1				1		1								1	1		1	1
																			2	2	5	14	19	63	59	122
									2	3	5	2		2	2	2	4	10	4	14	22	16	38	22	17	39
3	1	4	5	1	6	5	1	6	12	2	14	8	1	9	8	1	9	3	1	4	2		2	1	1	2
	1	1										1		1	1		1				1		1	1		1
	1	1					1	1		1	1															
						1		1	1		1	1		1												
									1	1	2				1		1	1	1	2						
													1	1				1		1				1		1
3	2	5		1	1	1		1	1		1	3	7	10	1	2	3		4	4						
2	2	4	1	7	8		9	9	6	7	13	7		7	5	6	11	4	5	9	2	6	8	1	4	5
							1	1		1	1	1	3	4				2	4	6	1	1	2		1	1
4	3	7	13	22	35	12	6	18	15	7	22	9	5	14	10	5	15	14	10	24	7	7	14	11	18	29
																1	1				3	1	4			
2	3	5	1	1	2	2	2	4	2	3	5	3	1	4	1	2	3		1	1					2	2
										1	1													1		1
												1		1												
1		1	1	1	2	1	5	6		1	1				1		1		3	3		1	1		1	1
			1		1							1	1	2		1	1		1	1				1	2	3
2	1	3		2	2	1	1	2	4	1	5	2	2	4	3	5	8		1	1	1		1	1	2	3
17	14	31	22	35	57	24	26	50	44	28	72	40	21	61	33	25	58	35	37	72	44	47	91	103	108	211

TABLE No. 32—

Distribution of patients who died during the year according

Psychoses	Total			Less than 1 month			1-3 Months			4-7 Months			8-12 Months		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	2	2	4		1	1		1	1						
2. Senile	68	75	143	16	9	25	13	10	23	9	9	18	8	7	15
3. With Cerebral Arteriosclerosis	60	42	102	15	6	21	12	7	19	10	3	13	9	4	13
4. General Paralysis	48	9	57	5	1	6	10	4	14	7	1	8	8		8
5. With Cerebral Syphilis	4	1	5	2		2	1		1						
6. With Huntington's Chorea		3	3												
7. With Brain Tumour	4		4	1		1				3		3			
8. With other Brain or Nervous Diseases	4	2	6					1	1						
9. Alcoholic	2	1	3				1		1						
10. Due to Drugs or other Exogenous Toxins															
11. With Pellagra															
12. With other Somatic Diseases	9	17	26	1	5	6	1	5	6	2	1	3	1		1
13. Manic-depressive	28	48	76	3	11	14	4	2	6	8	8	16	2	6	8
14. Involution Melancholia	4	11	15	2	4	6		3	3						
15. Dementia Praecox	108	96	204	4	5	9	9	3	12	8	10	18	14	5	19
16. Paranoid or Paranoid Conditions	3	2	5	1		1								1	1
17. Epileptic Psychoses	14	17	31		2	2	1	2	3				1		1
18. Psychoneuroses and Neuroses	1	1	2										1		1
19. With Psychopathic Personality	1		1												
20. With Mental Deficiency	7	15	22		2	2				1	2	3		1	1
21. Undiagnosed Psychoses	3	6	9	2	4	6	1		1		2	2			
22. Without Psychoses	33	19	52	4		4	3		3	2		2	1		1
Total	403	367	770	56	50	106	56	38	94	50	36	86	45	24	69

LENGTH OF HOSPITAL LIFE

to their length of stay in hospital and their psychosis

1-2 Years			3-4 Years			5-6 Years			7-8 Years			9-10 Years			11-12 Years			13-14 Years			15-19 Years			20 Years and Over		
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1		1	1		1																					
11	14	25	4	15	19	4	3	7		1	1		1	1	1		1	1	2	3	1		1		4	4
10	13	23	2	4	6	1	3	4	1		1					1	1					1	1			
13		13	2	1	3	2	2	4	1		1															
				1	1	1		1																		
							2	2		1	1															
1		1	1		1	2	1	3																		
1	1	2																								
3	4	7		2	2	1		1																		
2	5	7	4	7	11	2	3	5	2	1	3					1	1							1	4	5
2	1	3		2	2																				1	1
12	16	28	8	6	14	9	8	17	5	7	12	5	1	6	3	5	8	3	1	4	5	10	15	23	19	42
																1	1	1		1	1		1			
	1	1	2	4	6	2	3	5	1		1		1	1				3		3	1	1	2	3	3	6
				1	1																					
			1		1																					
2	1	3		1	1		1	1	1		1	1		1	1	2	3		2	2	1	1	2		2	2
7	6	13	5	1	6	3	4	7	1	3	4	1		1	1	1	2	1		1	1	1	2	3	3	6
65	62	127	30	45	75	27	30	57	12	13	25	7	3	10	6	11	17	9	5	14	10	14	24	30	36	66

TABLE No. 33

REAL ESTATE

The date of opening and the acreage for each hospital

Name of Hospital	Date of Opening	Acreage		Acres in Fruit and Vegetables	Acres in Gr.	Acres in Buildings and Grounds	Acres in Bush or not Cultivated
		Owned	Rented				
Brockville	Dec. 27, 1894	569	.....	40	369	35	125
Cobourg	June, 1920	11	.....	1	.....	10	.....
Hamilton	Mar. 17, 1876	525	.....	87	364	74	.....
Kingston	1864	257	.....	19	158	80	.....
London	1870	505	.....	90	307	70	38
New Toronto	1890	136	.....	53	33	50	.....
Orillia	April 1, 1876	500	30	98	180	100	152
Penetang	Aug. 16, 1904	383	.....	32	73	25	253
Toronto	1846	20	.....	5	.....	15	.....
Whitby	Jan. 1, 1920	640	.....	125	365	150	.....
Woodstock	1906	324	.....	22	212	50	40
Fort William	Mar. 1, 1936	1250	.....	15	420	15	800
Totals		5120	30	587	2481	674	1408

TABLE No. 34—

Classification of staff at each hospital together

Hospitals	Superintendent	Senior Assistant Physician	Clinic Physician	Assistant Physicians	Consultants	Psychologists	Psychometrists	Occupational Therapists	Dentists	Dietitians	Teachers	Instructors	Stewards	Storekeepers	Store Assistants
Brockville	1	1	1	2	.....	1	.....	1	1	1	.....	.....	1	1	1
Cobourg	1	.....	.....	1	.....	.....	.....	2	1	1	.....	.....	1	.....	.....
Hamilton	1	1	1	4	.....	1	.....	4	1	1	.....	.....	1	1	1
Kingston	1	2	.....	4	2	1	.....	2	1	1	.....	.....	1	1	.....
London	1	1	1	5	1	1	.....	4	1	1	.....	.....	1	1	1
New Toronto	1	1	1	6	4	1	.....	4	1	1	.....	1	1	1	1
Orillia	1	2	.....	4	.....	1	1	.....	2	1	11	2	1	1	.....
Penetang	1	1	.....	1	2	.....	.....	1	1	.....	1	.....	1	1	.....
Toronto	1	1	.....	3	5	.....	.....	4	1	1	.....	.....	1	1	1
Whitby	1	1	2	6	.....	1	.....	5	1	1	.....	.....	1	1	2
Woodstock	1	1	.....	1	.....	.....	.....	1	1	1	1	.....	1	1	.....
Fort William	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Totals	12	12	6	37	14	7	1	28	12	10	13	3	12	10	7

STAFF

with the type of work at which they are employed

Clerks, Stenographers etc.		Superintendent of Nurses	Nurse Supervisors	Graduate Nurses	Nurses-in-Training	Nurse-Attendants	Chief Supervisors	Attendants	Kitchen and Dining-Room Help		Laundry Help		Other Domestic Help	Farmers, Gardeners and Assistants	Engineers and Other Mechanical Help	All Other Male Employees	All Other Female Employees	Totals
M.	F.								M.	F.	M.	F.						
1	7	1	.....	46	23	1	1	62	5	4	1	6	5	8	19	2	1	205
.....	2	1	1	36	.....	2	.....	.....	1	4	.....	2	1	1	8	5	.....	71
1	6	1	.....	38	39	.....	1	80	3	11	2	6	2	14	14	8	2	245
1	5	1	1	14	54	.....	1	73	.....	.....	1	3	10	5	16	8	4	213
1	7	1	.....	55	47	1	1	90	4	15	2	4	7	14	19	1	3	291
2	7	1	3	43	49	.....	1	71	2	4	2	5	1	4	20	2	3	244
5	12	1	11	23	18	13	1	55	9	13	2	5	5	11	13	8	.....	232
.....	2	1	3	7	.....	12	2	41	2	3	1	3	1	3	7	4	2	104
1	3	1	4	54	3	.....	1	56	2	7	1	6	3	1	10	7	3	182
4	8	1	.....	119	.....	1	1	103	8	11	1	6	5	10	22	4	1	327
1	5	1	.....	24	.....	9	1	38	3	3	1	3	.....	6	8	2	1	115
.....	1	.....	.....	2	.....	.....	1	12	.....	.....	.....	.....	.....	.....	2	.....	.....	20
17	65	11	23	461	233	39	12	681	39	75	14	49	40	77	158	51	20	2249

TABLE No. 35

PER CAPITA COST STATEMENT

Showing an itemized statement of the cost per patient in each of the hospitals

Items	Hospitals										
	Brockville	Cobourg	Hamilton	Kingston	London	Mimico	Orillia	Penetang	Toronto	Whitby	Woodstock
	cents	cents	cents	cents	cents	cents	cents	cents	cents	cents	cents
Medicines	1.34	.99	1.08	1.15	1.80	1.49	1.08	2.27	1.32	1.45	2.79
Provisions	15.09	15.72	14.07	16.99	17.84	20.42	16.00	16.46	16.78	17.06	17.93
Fuel, Light and Water	10.78	10.71	10.68	10.05	7.23	8.80	7.23	10.28	7.92	11.16	12.76
Clothing	1.90	4.38	1.41	2.43	3.44	2.54	3.87	4.30	1.75	2.85	2.47
Laundry and Cleaning	1.46	2.10	1.16	1.22	1.55	1.44	1.70	1.58	1.65	1.83	2.42
Furniture and Furnishings	2.14	2.63	2.64	1.92	3.55	3.02	2.43	1.55	2.53	2.64	1.75
Office Expense	.44	.51	.37	.30	.31	.33	.30	.55	.36	.41	.91
Allowances	4.33	6.38	4.34	4.45	3.74	3.51	3.59	4.43	3.20	5.25	3.42
Feed and Fodder	3.25	.....	2.72	1.76	2.19	.....	1.49	2.79	.03	1.55	3.42
Farm Expense	1.12	.17	.41	.50	.69	.42	.48	.71	.08	1.23	1.22
Contingencies	1.00	1.05	.84	1.15	.78	.64	.58	.64	.56	.74	1.11
Salaries	54.02	47.87	45.94	50.15	47.25	40.85	37.70	50.47	48.09	55.21	65.99
Total Gross Per Capita	96.87	92.51	85.66	92.07	90.37	83.46	76.45	96.03	84.27	101.38	116.19
Less Recoveries	35.14	18.13	33.06	27.85	34.30	23.21	19.37	28.54	24.06	46.26	61.07
Net Per Capita Cost	61.73	74.38	52.60	64.22	56.07	60.25	57.08	67.49	60.21	55.12	55.12
Repairs to Buildings Expense	2.18	1.84	2.11	2.09	2.18	1.28	1.58	2.60	1.22	1.99	3.27
Total Per Capita payable by Province	63.91	76.22	54.71	66.31	58.25	61.53	58.66	70.09	61.43	57.11	58.39

TABLE No. 36

ANNUAL DENTAL REPORT

	Brockville	Cobourg	Hamilton	Kingston	London	New Toronto	Orillia	Penetang	Toronto	Whitby	Woodstock	Psychiatric	Totals
Number of half days' work	53	52	173	104	172	202	533	60	157	152	129	105	1892
Total in Hospital during the year	1292	495	2021	1415	2102	2046	2095	663	1441	2296	652	667	17185
% of Patients in Hospital who attended dental clinic	60.9	109.3	134.8	63.5	71.9	86.9	196.0	126.7	128.1	97.4	335.4	113.6	117.6
Patients at Clinic	788	541	2725	899	1512	1778	4106	840	1846	2236	2187	758	20216
Examinations only	387	121	1282	203	651	968	436	175	344	733	789	399	6488
Public Charge Treated	294	404	1104	348	679	684	3241	639	1428	821	1061	358	11061
Private Charge Treated	107	16	339	348	182	126	429	26	74	682	337	1	2667
Patients X-rayed	32				183	1	90		32	292	2		632
Number of Pictures taken	90				2407	2	250		267	2197	7		5220
Extractions	582	138	1009	268	1172	1410	868	295	445	1124	485	125	7921
General Anaesthetics	30	1	1	2	55	12	8	1	9				119
Local Anaesthetics	202	115	1010	215	315	345	521	240	360	1124	265	71	4783
Fillings	200	249	621	398	108	232	1880	95	198	211	360	54	4606
Pyorrhea Treatments	62	2	49	362	56	173	1191		87	189	150	76	2397
Prophylaxis	55	72	656	410	89	239	826	215	580	108	397	239	3886
Other Treatments	10	25	186	662	312	206	614		509	207	163	202	3096
Replacements	5	10	4	1	13	39	6		6	2		2	88
Dentures Repaired	22	11	3	12	17	33	19	15	50	51	48		281
Other Work	12	45	98	55	21				57	97	224		692

If a hospital shows an examination or treatment total larger than the number of patients shown as having been in the hospital during the year it is due to the fact that the dentist examines or treats a patient more than once during the year.

SUPPLEMENTARY STATISTICAL TABLES ON THE ONTARIO HOSPITAL, ORILLIA
(Hospital for Feeble-minded).

TABLE No. 1

Patient population as on October 31st, 1934 according to mental status

Mental Status	Male	Female	Total	
			No.	%
Idiot	289	301	590	*31.9*
Imbecile	408	363	771	*41.8*
Moron	209	194	403	*21.8*
Border Line	26	37	63	*3.4*
Not Feeble-Minded	9	11	20	*1.1*
Total	941	906	1847	*100.0*

TABLE No. 2

Distribution of first admissions according to age and mental status

Age Group	Total			Idiot			Imbecile			Moron			others		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10 years	46	14	60	20	10	30	19	2	21	6	2	8	1	..	1
10 to 14 years	43	29	72	5	2	7	17	13	30	17	13	30	4	1	5
15 to 19 years	30	31	61	3	3	6	12	6	18	12	13	25	3	9	12
20 to 24 years	5	5	10	...	1	1	3	2	5	2	2	4	...	...	...
25 to 29 years	3	1	4	...	...	...	3	1	4	..	..	...	..	...	...
30 years and over	..	1	1	..	...	...	...	1	1	...	...	...	...	...	...
Totals	127	81	208	28	16	44	54	25	79	37	30	67	8	10	18

TABLE No. 2a

Distribution *in percentage* of first admissions according to age and mental status

Age Group	All Cases	Idiot	Imbecile	Moron	Others
Under 10 years	*28.8*	*68.2*	*26.6*	*11.9*	*5.5*
10 to 14 years	*34.6*	*15.9*	*38.0*	*44.8*	*27.8*
15 to 19 years	*29.3*	*13.6*	*22.8*	*37.3*	*66.7*
20 to 24 years	*4.9*	*2.3*	*5.1*	*6.0*	.....
25 to 29 years	*1.9*	.....	*1.2*	.....	.....
30 years and over	*0.5*	.....	.....	.....	.....
All Ages	*100.*	*100.*	*100.*	*100.*	*100.*

TABLE No. 3

Distribution of first admissions according to mental status and the economic condition of of the families from which they come

Economic Conditions	Total			Idiot			Imbecile			Moron			Others		
	M.	F.	T.	M.	F.	T.	M	F	T.	M.	F	T.	M.	F	T.
Indigent	49	32	81	6	4	10	21	6	27	20	15	35	2	7	9
Marginal	70	41	111	19	11	30	31	14	45	15	14	29	5	2	7
Comfortable	8	8	16	3	1	4	2	5	7	2	1	3	1	1	2
Totals	127	81	208	28	16	44	54	25	79	37	30	67	8	10	18

TABLE No. 3a

Distribution *in percentage* of first admissions according to mental status and the economic condition of families from which they come.

Economic Conditions	All Cases	Idiot	Imbecile	Moron	Others
Indigent	*38.9*	*22.7*	*34.2*	*52.2*	*50.0*
Marginal	*53.4*	*68.2*	*57.0*	*43.3*	*38.9*
Comfortable	*7.7*	*9.1*	*8.8*	*4.5*	*11.1*
Totals	*100.*	*100.*	*100.*	*100.*	*100.*

TABLE No. 4

Distribution of discharged patients according to mental status and age at discharge

Age Group	Total			Idiot			Imbecile			Moron			Others		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10 years	5	2	7	1	2	3	2		2	1		1	1		1
10 to 14 years	6	2	8				3	2	5	1		1	2		2
15 to 19 years	16	14	30	1	1	2	2	1	3	8	8	16	5	4	9
20 to 24 years	7	13	20				2		2	4	11	15	1	2	3
25 to 29 years	1	6	7					1	1	1	5	6			
30 years and over	1	4	5				1	1	2		3	3			
Totals	36	41	77	2	3	5	10	5	15	15	27	42	9	6	15

TABLE No. 5

Distribution of patients who died during the year according to mental status and age at death

Age Group	Totals			Idiot			Imbecile			Moron			Others		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10 years	3		3	2		2	1		1						
10 to 14 years	6	1	7	4	1	5	2		2						
15 to 19 years	4	2	6	1	1	2	3	1	4						
20 to 24 years	2		2							2		2			
25 to 29 years	1		1				1		1					1	
30 years and over	3	6	9			2		3	3	1		1	2		3
Totals	19	9	28	7	2	11	7	4	11	3		3	2	1	3

DIVISION OF CHEST DISEASES

During the past year, our work has continued with undiminished activity. The fundamental policy and purpose have remained unchanged. We are striving to assist the Physicians in charge of mental patients in the early diagnosis of tuberculosis among their patients and members of staff. It is hoped that some assistance has also been rendered to the medical staffs of the Ontario Hospitals in the examination of referred cases with non-tuberculous chest disease.

An attempt has been made during this period to establish the use of Blood Sedimentation Tests in our Mental Hospitals, to serve as additional objective data upon the physical condition of mental patients on admission and routinely during their stay in hospital. In many cases, no obvious cause will be found for an increased Blood Sedimentation Rate and a chest X-ray would therefore be indicated.

In several respects, the work is presenting increasing detail as the total number of cases under consideration gradually accumulates. Therefore, in view of undiminished duties at the Tuberculosis Unit, Ontario Hospital, New Toronto, it will probably be necessary in future to reduce the frequency of visits to the other Ontario Hospitals.

During the Clinician's absence from the Tuberculosis Unit, the wards were earlier in this period in charge of Dr. A. G. Allen, and latterly in charge of Dr. R. A. Seymour on the staff of the Ontario Hospital, New Toronto.

Dr. G. C. Brink continues to act as consultant and I wish to acknowledge gratefully his helpful advice and guidance.

REPORT OF WORK IN DIVISION OF CHEST DISEASES

	Ontario Hospitals																														
	Toronto Psychiatric		Brockville		Cobourg		Hamilton		Kingston		London		New Toronto		Orillia		Penetang		Toronto		Whitby		Woodstock		Tuberculosis Unit		Totals		Grand Total
	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	
No. of individuals considered	17	2	79	109	27	104	225	155	112	172	164	233	214	232	86	106	23	48	67	121	146	139	58	178	15	188	1233	1787	3020
No. of chest examinations performed	2	2	7	22	4	25	13	45	18	30	24	84	18	61	14	22	9	25	11	46	11	38	12	45	7	11	150	456	606
No. of chest X-rays interpreted	17	2	56	110	25	104	171	167	108	186	167	243	249	268	67	112	17	47	68	136	118	140	45	197	35	206	1141	1918	3059
No. of tuberculin tests performed	7	0	107	0	18	0	384	0	106	0	236	0	241	2	129	0	32	4	25	0	180	0	67	0	0	0	1530	6	1536
No. of cases advised for transfer to Tuberculosis Unit (Active Disease)	0	1	0	7	0	1	0	4	1	17	2	16	3	23	2	4	0	5	0	12	0	8	0	4	.....	.....	8	102	110
No. of cases advised to remain at their Hospitals (Arrested Disease)	1	0	5	24	2	21	9	24	12	41	8	35	6	27	2	8	4	10	10	22	14	24	2	10	.....	.....	75	249	324
No. of cases diagnosed as tuberculosis (Active and Arrested)	1	1	5	31	2	22	9	28	13	58	10	51	9	60	4	12	4	15	10	34	14	32	2	14	.....	.....	83	351	434

TRAINING SCHOOLS FOR NURSES, ONTARIO HOSPITALS

Esther A. Rothery, Reg. N., Supervisor of Nursing

Residence Accommodation.

And due to the increased graduate staff, many of whom live out, less congestion was found in the residences in other centres. It is hoped that new homes will soon be provided for Hamilton and London and an addition to the residence at New Toronto.

Brockville and Orillia seem to be very satisfactory for the present staff.

Educational Qualifications of Students.

Improvement was noted in the educational standing of the students. A survey of the enrolment in September 1935 showed that 39% had obtained junior matriculation, 30% partial middle school and the remainder lower school or the equivalent of two years high school.

Applicants with complete middle school standing have, however, again decreased, probably due in part to the reduced allowance.

Some students are still being admitted who have not completed the required subjects for lower school. I wish to again point out that those general hospitals which are prepared to give an adequate affiliate course are loath to accept candidates with inferior educational qualifications.

Supervision and Instruction.

While the ratio of graduates to students has greatly increased, depleted staff precludes the possibility of adequate ward supervision of the students. The head nurses' time is necessarily consumed with routine duties.

The appointment of full-time qualified nurse instructors at Kingston and New Toronto is gratifying. It is understood that similar appointments at London and Hamilton will follow.

The policy of lending assistance to Ontario Hospital graduates who wish to take post graduate study in teaching and administration at the University is commendable. It should help materially in providing adequate teaching staff for the Hospital now conducting undergraduate schools.

New teaching units are needed in Kingston and London.

General Hospital Affiliation.

It is felt that the present nine months' course should be extended to one year and the students sent to the affiliating school in classes once or twice annually.

All of the general hospital superintendents of nurses look forward to an ffiliation of one year when a better course may be organized.

Records.

Records of classroom instruction and clinical experience are more comprehensive.

Health records are quite satisfactory and indicate that the routine physical examination, chest x-ray, tests and immunization are being done. The physical examination and x-ray are repeated before affiliation. In some instances, however, health measures have not been carried out sufficiently early in the preliminary term.

I would recommend a physical examination at the beginning of the second year also an annual x-ray of the chest.

Hours of Duty.

These vary from 51 to 65 hours a week for day duty and from 53 to 81 hours a week night duty.

It is urged that the daily hours be reduced to 58 hours a week including classes, adequate rest hours planned for those on night duty, and an eight hour day instituted in the tuberculosis unit as soon as possible.

Psychiatric Affiliation.

It is hoped that the hospital at Whitby will be prepared to offer an affiliate course to the Toronto hospitals in the near future and that the teaching staff and residence accommodation will warrant the institution of the affiliation in an eastern and a western Provincial Hospital.

ANNUAL REPORT OF THE LIBRARY

Fredrita Henley Wright - Librarian

Since the enlargement of the Library service went into effect in 1935, all purchasing of books for the Ontario Hospitals has been made through the Central Library. Placing the annual subscriptions to the numerous journals, periodicals and newspapers has also been made in this way.

The books are received at the Central Library, catalogued in a central catalogue and are then forwarded to the Hospital for which they were purchased, together with catalogue cards for insertion in the hospital catalogue.

Acquisitions.

Books purchased (Including books for training schools	156
Journal subscriptions	81
Periodical subscriptions	104
Newspaper subscriptions	130

Loan Service

A loan service is maintained by the Central Library to each Hospital. Books and journals are forwarded upon request while all journals relative to tuberculosis, received in the Central Library, are circulated regularly to the tuberculosis unit at the Hospital in New Toronto.

Library Bulletin.

Publication of "Articles of Interest" was resumed in July 1936 as "Volume II, No. 1" (One number having been published in September 1935) and with the September 1936 edition the title was changed from "Articles of Interest" to "Library Bulletin." This bulletin consists of bibliography of articles of interest to all the divisions of the Department, appearing each month in the library journals. Large sections are devoted to Mental Health, Nursing and Hospital problems. Recent publications are also given together with a brief resume of each. Forty six copies are distributed each month among the Hospitals.

During the year a central catalogue was made for each Hospital. This consisted of author and title cards for all books in the institution, whether in the Superintendent's office, training school for nurses, mental health clinic, dietitian's office or laboratory, the location of the book being designated on the card.

A combined catalogue of all books in the thirteen Hospitals was also made for the Central Library. This makes available to the staffs of each Hospital the information regarding location of all books in the service. Rare books and old editions are thus easily located for reference and the value of the Department's library facilities and equipment are added to in the building up of a comprehensive library service on psychiatry and allied subjects.

During the month of December a number of books for use in the Training Schools of the Ontario Hospitals were purchased by the Central Library. These were received by the Library, catalogued in the central catalogue and forwarded to the training school together with cards for the hospital catalogue.

The library also reports with pleasure the extension of one branch of the service, i.e. the compilation of bibliographies on special subjects upon request. This service has been requested in some 15 instances during the year.

Patients' Libraries

A number of new books were purchased for the patients' library in the following Ontario Hospitals: Brockville, 50: Fort William, 25: Cobourg, 36: Woodstock, 100: while "Boys and Girls House" of the "Toronto Public Library" were good enough to make a donation of discards to the Ontario Hospital at Cobourg.

The Central Library also contacted several Toronto publishers who have very generously agreed to donate unsold papers and periodicals each month. In addition 50 copies each of two weekly papers are received at the Central Library and re-shipped each week to the patients in the 13 Hospitals, making a total of 5,200 copies distributed per year.

The past year has seen a marked development in the service given by the Central Library to the Ontario Hospitals. The increased demands on the time and efforts of the staff, however, present a compensation in the increased service which the library is called upon to give the Ontario Hospitals.

DEPARTMENT OF NEURO-PATHOLOGY AND RESEARCH DIVISION

J. A. HANNAH, M.D.

The year as a whole has been fairly satisfactory in its accomplishments. There, are, however, certain factors which make it difficult to secure autopsies

Actual Work Done in the Department.

During the year, material from 39 autopsies was examined, reported, and filed. This entailed the cutting of 5,863 slides, and the necessary work of examining and filing. In addition, 67 large slides were made and handled. Each case was treated as a research problem in itself and many of the sections made were put through special technique in order more fully to appreciate the findings. The examination of this material has given rise to certain problems in research of vital interest to the understanding of the underlying causes of psychoses. Some of these problems will be dealt with under the heading Research.

The amount of technical work involved in studying this material has occupied Dr. Thompson as technician to the full extent. It has also utilized the services of Miss Dickinson as stenographer. It would appear that the addition of a full time technician to do this work would release Dr. Thompson for special research problems for which her training makes her particularly suited. I would respectfully suggest that as soon as possible, this addition to staff should be made so that the information gathered from the routine examination of material may be more thoroughly correlated and more intensive study of the particular problems involved be carried out.

Exhibits.

During the month of June 1935, at the combined meeting of the Canadian and American Medical Associations held in Atlantic City, we were invited to put on an exhibit of our work. The exhibit, although small was favourably received and letters on file attest the approval of the authorities of those bodies. At this meeting a paper on Alzheimer's Disease was read.

A further exhibit was made of the work which we were doing at the meeting of the Public Health Section of the Academy of Medicine in Toronto held in the Parliament Buildings which again evoked favourable comment. During the same year, a further exhibit was made at the Banting Institute for a meeting of the Subsection of Neurology and Psychiatry of the Academy of Medicine, at which time a paper was presented, on Congenital Varix of the Brain.

Academic Lectures.

During the year a course of seven lectures was given during the months of April and September to post graduate nurses of the Toronto Psychiatric Hospital. Each member of the post graduate course in Psychiatry at the Toronto Psychiatric Hospital spent six afternoons in the actual study of pathological material and individual discussion on the question of neuropathology. As a result of this work, various members of that post graduate course have taken up the study of special problems of particular interest to them.

Research.

During the year, the first part of the work of research on the question of Subdural haematoma was completed and the results presented at the Staff Meeting, Department of Pathology, Banting Institute, and read again before the sub-section of Neurology and Psychiatry, Academy of Medicine. This paper has been accepted by the Journal of Nervous and Mental Diseases and will be published in due course. The paper previously referred to as having been read at the joint meeting of the Canadian and American Medical Association has also been accepted for publication by the Journal of the Canadian Medical Association. In addition to these publications, a contribution was made to the Ontario Journal of Neuropsychiatry entitled "The Pathological Changes underlying Certain Types of Mental Disease."

Other research problems have been pursued, chief of which are:

1. Studies on the normal structure of the nerve cells of the para vertebral sympathetic ganglia and the changes which occur in them with advancing age. These studies have necessitated the development of a special technique of impregnation with silver and are leading to some interesting findings.

2. Studies on chronic degeneration of the parenchymatous elements of the brain with glial replacement. These also promise interesting findings.

3. The study of changes in the thyroid gland in psychotic patients as compared with those who are non psychotic, has also been continued.

4. Studies on the pathology of Acute Mental Excitement which have led to a more thorough understanding of the pathology of this condition and seem to indicate that it is a chronic degenerative process which has an acute termination. Out of this problem has arisen a further study of the relation of the third ventricle to the heat regulating mechanism of the body in the human.

These researches have not progressed as rapidly as they might because of the lack of sufficient technical assistance.

Contacts with Other Pathological Work.

In addition to the foregoing activities, various conferences held in the Banting Institute on pathological material have been attended which has resulted in a broader understanding of our own work and has been of considerable mutual assistance to the parties concerned.

Procedures	Brockville	Cobourg	Hamilton	Kingston	London	New Toronto	Orillia	Penetang	Toronto	Whitby	Woodstock	Psychiatric	Totals
Urine analysis:													
Chemical	520	405	3,367	446	1,617	1,272	1,232	222	954	2,382	524	1,033	13,974
Microscopical	513	12	2,677	446	1,401	1,272	1,047	222	927	2,076	524	952	12,069
Other procedures	183	.....	.....	4	.....	346	12	7	12	8	.....	.....	572
Blood Examinations:													
White cell counts	405	6	400	292	468	957	584	53	44	877	167	671	4,924
Red cell counts	367	6	382	283	464	913	459	50	43	800	157	61	3,985
Differential counts	311	4	380	240	456	905	429	24	16	102	8	92	2,967
Haemoglobin estimations	384	586	439	303	468	955	445	51	43	800	163	682	5,319
Chemical examinations	18	1	9	.....	30	179	.....	.....	4	35	15	24	315
Blood cultures	4	.....	5	9	52	59	19	.....	2	28	5	17	200
Blood sugars	25	18	22	.....	411	16	30	.....	146	41	12	77	798
Glucose tolerance tests	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	13	15
Widal and Br. Abortus agglutinations	9	6	5	181	1,599	.....	5	64	10	136	1	12	2,028
Wassermans	346	114	572	232	743	551	634	49	253	520	116	634	4,764
Kahns	346	102	572	232	740	551	634	49	229	520	110	634	4,719
Presumptive Kahns	.....	.....	.....	.....	197	.....	.....	.....	.....	.....	.....	.....	197
Spinal Fluid Examinations:													
Cell counts	72	.....	9	23	288	181	29	.....	50	73	6	39	770
Globulin tests	72	15	124	23	288	193	29	1	50	73	5	53	926
Colloidal golds	78	15	124	21	288	167	29	1	50	73	4	53	903
Wassermans	78	15	124	21	288	167	29	5	50	73	4	53	907
Kahns	78	15	.....	21	155	167	29	5	50	73	4	53	650
Sputum examinations	32	7	149	38	327	1,577	58	7	176	95	154	10	2,630
Throat swabs	2	.....	20	10	16	4	132	.....	2	7	4	3	200
Faecal examinations	7	.....	3	41	401	33	4	.....	87	70	56	.....	702
Gastric Analysis	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
Basal Metabolism	.....	.....	.....	.....	26	22	.....	.....	.....	17	.....	59	124
Tissue Examinations:													
Surgical	4	2	.....	14	21	.....	.....	.....	.....	6	3	.....	50
Post Mortem	.....	.....	.....	.....	.....	.....	2	.....	.....	9	.....	.....	11
Autopsies performed	1	.....	3	1	30	10	2	.....	1	9	.....	3	60
Serological therapy done	1,910	67	12	364	902	.....	.....	298	1,189	1,885	180	.....	6,807
Other tests not listed above	588	755	555	1,380	815	1,235	37	94	358	395	66	42	6,320
Total Procedures	6,355	2,154	9,953	4,625	12,491	11,732	5,910	1,202	4,746	11,184	2,288	5,270	77,910
Number of deaths	70	12	99	42	130	163	28	21	73	107	20	14	784
Patients in hospital on March 31st, 1936	1,030	431	1,521	1,145	1,502	1,480	1,847	592	1,093	1,585	533	63	12,792

MENTAL HEALTH CLINICS

C. R. MYERS, Ph.D., Consultant Psychologist

During the year ending March 31st, 1936, the Mental Health Clinics continued their psychiatric consultation service visiting regularly more than one hundred examining centres throughout the Province.

The constructive community effort toward the prevention of unnecessary mental illness is not adequately reflected in the figures showing the number of cases examined and the types of problem treated. A great deal of clinic effort is directed toward general mental health education. Even the remedial work done with problem cases is viewed by the Clinics as an opportunity to demonstrate to the community the significance of a mental hygiene attitude in dealing with the practical problems which arise in the home and in the school. They recognize as a primary responsibility not only the direct treatment of mental health problems but the dissemination of more adequate mental health information and every effort is made to meet parents, teachers, nurses and social workers with this objective in mind. The physicians in charge of each clinic are spending an increasing proportion of their time in extending to the practising physicians in the community a type of psychiatric consultation for which there is an increasing demand.

The Clinics are also responsible for the after care and follow-up supervision of patients returning to the community from mental hospitals. In this and other directions special responsibilities have involved a gradual reorganization of the methods of clinic operation and a clearer definition of the specific aims and objectives of the clinic programme.

CLINIC CASES

1. Case Load

During the year ending March 31st, 1936, the seven Clinics examined a total of 3,575 new cases which brings the total number of new cases examined since the inauguration of the Clinics in July 1930 up to 18,000. It should be recognized that nearly all of these cases require more than one visit to the Clinic and in many cases treatment has involved the weekly or monthly return of the patient over a long period of time.

TABLE No. 1

Showing the number of new cases examined by the Ontario Mental Health Clinics

Clinics	Number of New Cases	
	Year Ending March 31, 1936	All years
Toronto Psychiatric	672	3,908
London	632	3,300
Hamilton	855	3,320
Whitby	326	1,853
Brockville	491	2,094
Orillia	...	808
Kingston	118*	1,187
New Toronto	481	1,594
All Clinics	3,575	18,064

*Incomplete Reports

11. **Nature of Clinic Cases** (Excluding Toronto Clinic Cases**)

The general nature of the cases being referred to Mental Health Clinics for examination may be observed from their distribution in regard to certain characteristics. These characteristics have been selected for the purpose of indicating the general nature of the clinic task.

** Cases examined at the Toronto Psychiatric Hospital Out-Patient Department are not included in the following analysis.

(1) National Extraction—

The cases referred to clinics constitute a fairly representative sample of the general population in regard to national extraction. There is, however, a somewhat larger proportion of persons of French extraction in the clinic group.

TABLE No. 2

Showing the Distribution of Clinic Cases According to National Extraction

Race	Number of Cases		Percentages	
	Year Ending March 31, 1936	All Years	Year Ending March 31, 1936	All Years
English	840	4,755	*37.8*	*40.5*
Irish, Scotch and Welsh	613	3,294	*27.7*	*28.0*
French	305	2,127	*13.7*	*13.4*
Foreign	464	1,568	*20.9*	*18.1*

(2) Sex.

TABLE No. 3

Showing the Distribution of Clinic Cases According to Sex

Sex	Number of Cases		Percentages	
	Year Ending March 31, 1936	All Years	Year Ending March 31, 1936	All Years
Male	1,528	8,297	*52.6*	*58.6*
Female	1,375	5,859	*47.4*	*41.4*
Totals	2,903	14,156	*100.0*	*100.0*

(3) Age.

There has been a consistent tendency for the average age of cases referred to clinics to increase. More than one-quarter of the cases now being referred to clinics are adults.

TABLE No. 4

Showing the Distribution of Clinic Cases According to Age

Age	Number of Cases		Percentages	
	Year Ending March 31, 1936	All Years	Year Ending March 31, 1936	All Years
0 to 5.11	379	1,436	*13.6*	*10.6*
6 to 13.11	1,133	6,221	*40.4*	*45.9*
14 to 21.11	545	2,938	*19.4*	*21.7*
22 and over	746	2,955	*26.6*	*21.8*

(4) Source.

An analysis of the referees by whom cases are sent for examination to the clinics is presented in table No. 5. It will be noted that about 82% of clinic cases are referred by either Welfare Agencies or Medical Agencies (Family physician, nurses, etc.)

TABLE No. 5

Showing the Distribution of Clinic Cases According to the Source Referring the Case.

Referee	Number of Cases Percentage		All Years	
	Year Ending March 31 1936	All Years	Year Ending March 31 1936	All Years
Welfare Agencies	1,274	6,093	*43.9*	*43.0*
Medical Agencies	1,116	5,263	*38.4*	*37.2*
Educational Agencies	340	1,867	*11.7*	*13.2*
Family	91	459	*3.1*	*3.2*
Voluntary	23	194	*0.8*	*1.4*
Private Persons (non-family)	11	183	*0.4*	*1.3*
Referee not stated	48	97	*1.7*	*0.7*
All Cases	2,903	14,156	*100.0*	*100.0*

(5) Problem.

Tables No. 6 and 7 present a similar analysis of the problems presented by the cases referred.

TABLE No. 6

Showing the Frequency of Problems According to General Classification

Problem	Year Ending March 31, 1936		All Years	
	Numbers	%	Numbers	%
Abnormal Mental Conditions	1,208	*41.6*	5,967	*42.2*
Behaviour Difficulties	834	*28.7*	4,865	*34.4*
Routine Examination	817	*28.1*	3,186	*22.5*
Abnormal Physical Conditions	453	*15.6*	3,131	*22.1*
Educational Problems	296	*10.2*	2,104	*14.9*
Social Difficulties	167	*5.8*	826	*5.8*

TABLE No. 7

Showing the Frequency of Certain Specific Problems

Problem	Year Ending March 31, 1936		All Years	
	Number	%	Number	%
Routine Examination	817	*28.1*	3,186	*22.5*
Suspected Mental Defect	315	*10.9*	2,505	*17.7*
Backward at School	265	*9.1*	1,995	*14.1*
Stealing	183	*6.3*	1,230	*8.7*
Speech Defect	140	*4.8*	975	*6.9*
Suspected Psychoses	321	*11.0*	908	*6.4*
Emotional Instability	197	*6.8*	794	*5.6*
Enuresis	128	*4.4*	621	*4.4*
Convulsive Seizures	77	*2.7*	621	*4.4*
Sex	89	*3.1*	588	*4.2*
Incorrigibility	73	*2.5*	539	*3.8*
Truancy	84	*2.9*	535	*3.8*

A comparison of the figures for this year and the figures for the seven years of clinic operation indicates that there are relatively fewer cases being referred because of suspected mental defect and backwardness at school, whereas, there has been a marked increase in the proportion of cases being referred because of suspected mental disease.

(6) Diagnosis.

(a) Intelligence.

TABLE No. 8

Showing the Distribution of Clinic Cases According to Diagnosis of Intelligence

Diagnosis of Intelligence	Year Ending March 31, 1936		All Years	
	Number	%	Number	%
Superior	90	*3.1*	362	*2.6*
Normal	808	*51.5*	3,649	*43.5*
Undiagnosed	688		2,513	
Dull Normal	438	*26.3*	2,179	*28.8*
Borderline	324		1,893	
Moron	387		2,344	
Imbecile	145	*19.1*	984	*25.1*
Idiot	23		232	
All Cases	2,903	*100.0*	14,156	*100.0*

(b) Psychiatric

TABLE No. 9

Showing the Distribution of Clinic Cases According to Psychiatric Diagnosis

Psychiatric Diagnosis	Year Ending March 31, 1936		All Years	
	Number	%	Number	%
Epilepsy	51	*10.9*	448	*20.7*
Neuroses	123	*26.3*	479	*22.2*
Schizophrenia	78	*16.6*	337	*15.6*
Manic-Depressive	42	*9.0*	179	*8.3*
Post Encephalitis	10	*2.1*	65	*3.0*
Paranoia and Paranoid Conditions	19	*4.1*	83	*3.8*
Miscellaneous	145	*31.0*	571	*26.4*
Total	468	*100.0*	2,162	*100.0*

It is of interest to note from the above table that during their relatively brief period of operation the clinics have located and identified more than 2,000 persons suffering from some form of mental illness sufficiently advanced to be diagnosed as a psychosis or neurosis.

(c) Physical

TABLE No. 10

Showing the Distribution of Clinic Cases According to Diagnosis of Physical Conditions

Diagnosis of Physical Condition	Year Ending March 31, 1936		All Years	
	Number	%	Number	%
Defective Teeth	576	*31.4*	2,253	*26.4*
Tonsils	294	*16.0*	1,448	*17.0*
Speech defect	69	*3.8*	868	*10.2*
Defective Vision	211	*11.5*	769	*9.0*
Miscellaneous	683	*37.3*	3,195	*37.4*
Total	1,833	*100.0*	8,533	*100 0*

Treatment

In tables No. 11 and 12 are shown the frequency with which certain forms of treatment have been recommended. During the period of their operation the clinics have provided special training and supervision in their own homes for nearly 2,500 mental defectives. Since most of these children have been excluded from the school system as "uneducable" and since it is both impracticable and unnecessary to provide institutional accommodation for many of them, the extension of this consultation service to parents is of considerable importance.

TABLE No. 11

Showing the Frequency of Certain Treatments Recommended

Treatment Recommended	Number Cases	
	Year Ending March 31, 1936	All Years
Home Training Course	347	2,383
Tonsils and Adenoids	174	1,125
Supervision by Social Agencies	176	1,092
Dental Attention	272	1,137
Organized Recreation	162	983
Medication	248	1,149
Attention Family Physician	157	908
Consideration Auxiliary Class Board	99	773
Placement in Foster Home	245	903
Adjustment in Home	226	884
Diet	135	571
Teacher-pupil adjustment	31	324
Speech Training	76	359
Special Literature	54	264

The type and extent of treatment given in cases presenting problems of mental and emotional health cannot, of course, be indicated in a tabular analysis These tables simply indicate the extent to which the clinics employ certain major types of treatment. It is of interest to note that of the 18,000 cases examined by clinics, institutional treatment has been recommended in some 3,000 cases only. This means that in more than 80% of the cases referred by the community to the clinics it has been felt that some form of community treatment could be planned which would adequately meet the difficulties presented.

TABLE No. 12

Showing the Frequency of Institutional Treatment Recommended

Institution Recommended	Total Cases All Years
Ontario Hospital, Orillia	883
Other Ontario Hospitals	737
Bowmanville Boys' Training School	191
Other Corrective Institutions	190
Other Institutions	1,122
All Cases Recommended for Institutionalization	3,123

DEPARTMENT OF HEALTH

SIXTY-SEVENTH ANNUAL REPORT

UPON THE

Public Hospitals, Private Hospitals, Hospitals for Incurables Convalescent Hospitals

AND

Sanatoria for Consumptives

OF THE

PROVINCE OF ONTARIO

FOR THE YEAR WHICH ENDED 30th SEPTEMBER

1936

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 16, 1937.

ONTARIO

TORONTO
Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1937

Parliament Buildings,
Toronto, March 22nd, 1937.

To The Honourable Colonel Herbert Alexander Bruce, M.D.,
R.A.M.C., F.R.C.S. (Eng.)
Lieutenant-Governor of the Province of Ontario.

May It Please Your Honour:

The undersigned has the honour to transmit to your Honour the Sixty-seventh Annual Report on the Hospitals and Sanatoria of the Province of Ontario, for the year which ended September 30th, 1936.

Respectfully submitted,

J. A. Faulkner,
Minister of Health.

Parliament Buildings,
Toronto, March 22nd, 1937.

The Honourable J. A. Faulkner, M.D.,
Minister of Health.

Sir;—

I have the honour to submit to you the Sixty-seventh Annual Report on the Hospitals and Sanatoria for the year which ended September 30th, 1936.

I have the honour to be, Sir,

Your obedient servant,

C. J. Telfer,
Inspector of Hospitals and Sanatoria.

Hospitals and Sanatoria

Herein is presented detailed report upon Public, Red Cross and Convalescent Hospitals, Hospitals for Incurables, Sanatoria for Consumptives and Private Hospitals operating in the Province of Ontario, as compiled from the Statistical and Financial Statements submitted by each, for the year which ended September 30th, 1936.

There were 168 of these institutions in operation and participating in Provincial grants at the close of the year; and 68 private institutions, classified as follows:—

117 Public Hospitals	14 Sanatoria for Consumptives
27 Red Cross Hospitals	1 Convalescent Hospital
7 Hospitals for Incurables	2 Convalescent Summer Camps

68 Private Hospitals

There was an increase of 13,312 in the number of patients treated in all institutions, with a total increase of 117,613 days' stay, over last year.

A unit of the Kingston General Hospital was approved as a Sanatorium for Consumptives, with capacity of 35 beds, from July 1st, 1936.

The Red Cross Society opened Hospitals at Jellicoe and Haliburton during the year.

The Toronto Western Hospital opened its new wing with capacity of 180 beds and 34 nursery basinettes, on January 24th, 1936. The Grace Hospital, which since 1925 had been a unit of the Toronto Western Hospital, was closed in May, 1936.

The Grace Hospital had carried on its work at the corner of College and Huron Streets for 48 years. It was the third oldest hospital in Toronto and had a long record of excellent service.

The Hospitals Division of the Department of Health of Ontario is fully organized to deal with all matters relating to hospital administration and service. You are invited to submit your problems to this office.

Executives and officials of the several institutions reported herein are urgently requested to make a careful study of the tables, comparing their hospital with those of similar size and capacity. Those interested in Private Hospitals will find a table in the back of the report dealing with these institutions.

C. J. Telfer,
Inspector of Hospitals and Sanatoria.

CONSOLIDATED STATEMENT GIVING CERTAIN STATISTICAL AND FINANCIAL INFORMATION

Year October 1st, 1935—September 30th, 1936

	Public Hospitals Including Convalescent	Red Cross Outposts	Sanatoria for Consumptives	Hospitals for Incurables	Totals
Adult bed capacity (Convalescent 35)	12,000	309	2,851	993	16,153
Nursery cots or children's beds	1,866	71	439	40	1,416
Average number of beds per 1,000 population	.....	.....	.....	.....	5
Number of patients in residence on October 1st, 1935	8,841	127	3,030	972	12,970
Number of patients admitted during year	218,525	4,947	2,897	519	226,888
Number of births during year	28,000	856	6	.....	28,862
Total number of patients treated during year	255,366	5,930	5,933	1,491	268,720
Number of patients discharged during year	234,643	5,496	2,535	195	242,869
Number of deaths during year	10,927	227	521	323	11,998
Number of still-births during year	1,109	39	2	.....	1,150
Number of patients remaining in residence September 30th, 1936	8,687	168	2,875	973	12,703
Totals	255,366	5,930	5,933	1,491	268,720
Total collective days' stay of all patients treated during year	3,356,519	51,591	1,091,684	354,854	4,854,648
Staff and employees at September 30th, 936:					
Graduate nurses	1,653	70	346	10	2,176
Pupil nurses	2,499	.....	39	.....	2,538
Probationers	604	.....	.....	.....	604
Other graduate and professional staff	503	1	87	21	612
Orderlies	325	14	128	32	499
All other employees	4,277	60	982	382	5,701
Total Staff and Employees	9,861	145	1,582	542	12,130
OPERATING REVENUE					
Income from patients for maintenance and treatment, and miscellaneous	$ c. 6,697,368 49	$ c. 109,863 37	$ c. 268,606 51	$ c. 107,927 58	$ c. 7,183,765 95
Income and grants from municipalities for maintenance and treatment of patients	2,825,676 23	10,941 05	1,334,143 40	393,507 01	4,564,267 69
Grants from government for treatment of patients	1,271,555 78	29,108 30	760,506 82	185,229 00	2,246,399 90
Grants from government for clinics and radio therapy, etc	52,578 16	.....	.....	.....	52,578 16
Total Operating Revenue	10,847,178 66	149,912 72	2,363,256 73	686,663 59	14,047,011 70
NON-OPERATING REVENUE					
Income from property, investments, endowments, etc	241,342 50	.....	151,310 81	30,610 53	423,263 84
Income from donations, bequests, and other gratuitous sources	553,046 22	14,726 97	122,681 41	73,397 47	763,852 07
Grants from municipalities for building, debentures, capital, etc	199,360 23	6,041 98	22,251 39	.....	227,653 60
Total Non-Operating Revenue	993,748 95	20,768 95	296,243 61	104,008 00	1,414,769 51
Total Revenue	11,840,927 61	170,681 67	2,659,500 34	790,671 59	15,461,781 21
OPERATING EXPENSE					
Total cost of dietaries	2,056,507 97	29,891 30	576,256 45	137,965 52	2,800,621 24
Total cost of salaries and wages	4,755,493 63	87,497 34	1,017,830 14	283,046 56	6,143,867 67
Other operating expense	3,462,578 59	67,619 44	656,464 96	173,792 83	4,360,455 82
Total Operating Expense	10,274,580 19	185,008 08	2,250,551 55	594,804 91	13,304,944 73
Interest and Sinking Fund Charges	901,578 37	.....	57,164 38	18,969 50	977,712 25
Total Cost	11,176,158 56	185,008 08	2,307,715 93	613,774 41	14,282,656 98
Average daily per capita cost	3.33	3.59	2.11	1.73	2.94

NOTE:—No provision is made in these figures for reserves for depreciation on buildings, plant and equipment, and for bad and doubtful accounts.

PUBLIC HOSPITALS

TABLE No. 1.—Showing the bed capacity, both adult and nursery, together with the movement of patients in each hospital separately.

Name of Hospital	Location	Bed Capacity		Patients in residence on Oct. 1st, 1935	Patients admitted during year ending Sept. 30th, 1936	No. of births during year	Total No. of patients treated during year	No. of patients discharg'd during year	No. of deaths	No. of still-births	Patients remaining in residence on Sept. 30th, 1936
		Adults	Nursery cots								
Group 1—Capacity, 1 to 25 Beds											
Public Hospital	Clinton	17	8	10	276	58	344	312	15	6	11
Cobalt Municipal	Cobalt	21	3	8	235	19	262	244	12	.....	6
Memorial Hospital	Hanover	15	5	7	192	27	226	207	10	1	8
Memorial Hospital	Listowel	20	5	13	416	59	488	432	31	10	15
Rosedale War Memorial	Matheson	11	4	14	267	82	363	337	6	1	19
Louise Marshall Hospital	Mount Forest	16	5	2	187	41	230	208	11	2	9
Cottage Hospital	Niagara-on-Lake	16	5	7	184	26	217	190	12	1	14
General Hospital	Palmerston	13	2	5	219	29	253	231	12	3	7
Willett Hospital	Paris	16	8	22	393	92	507	469	18	5	15
General Hospital	Penetanguishene	16	4	12	379	45	436	412	11	4	9
Tisdale Public Hospital*	So. Porcupine	14	5	13	402	56	471	442	11	4	14
The Mothercraft Centre	Toronto	5	16	15	163	.....	178	159	5	.....	14
General Hospital	Wingham	20	5	6	223	43	272	251	13	2	6
Totals		200	75	134	3,536	577	4,247	3,894	167	39	147
Group 2—Capacity, 26 to 50 Beds											
Stevenson Memorial	Alliston	22	7	11	435	62	508	462	24	3	19
Rosamond Memorial	Almonte	20	6	3	310	89	402	370	11	4	17
General Hospital	Bowmanville	20	6	17	381	86	484	440	34	1	9
Peel Memorial	Brampton	30	7	21	758	154	933	867	36	5	25
Lady Minto Hospital	Chapleau	36	4	20	484	33	537	501	25	.....	11
Haldimand War Memorial	Dunnville	23	7	14	412	70	496	451	33	.....	12
Red Cross Memorial	Durham	24	6	5	204	37	246	227	8	4	7
Groves Memorial	Fergus	23	7	14	352	66	432	404	19	1	8
Douglas Memorial	Fort Erie	29	12	23	522	50	595	532	38	1	24
Alexandra Marine & Gen.	Goderich	32	8	14	437	77	528	489	22	1	16
Misericordia Hospital	Haileybury	24	5	18	611	31	660	622	18	1	19
Notre Dame Hospital	Hawkesbury	25	2	21	678	22	721	680	25	.....	16
St. Paul's Hospital	Hearst	32	6	32	891	87	1,010	962	25	.....	23
Alexandra Hospital	Ingersoll	26	8	16	360	102	478	429	30	1	18
Anson General Hospital	Iroquois Falls	28	6	20	462	55	537	511	11	.....	15
General Hospital	Kincardine	25	9	17	314	90	421	378	28	4	11
General Hospital	Mattawa	38	4	5	194	19	218	193	9	1	15
St. Andrew's Hospital	Midland	38	8	28	795	126	949	882	32	7	28
York County Hospital	Newmarket	35	9	24	656	131	811	749	36	3	23
Queen Victoria Memorial	North Bay	43	7	23	939	137	1,099	1,024	31	8	36
Lord Dufferin Hospital	Orangeville	37	8	24	530	92	646	578	43	5	20
General Hospital	Parry Sound	30	5	20	627	105	752	698	22	6	26
St. Joseph's Hospital	Parry Sound	30	10	22	623	83	728	685	18	5	20
Great War Memorial	Perth	34	6	23	900	118	1,041	965	42	6	28
C.E. Englehart Hospital	Petrolea	29	6	13	464	73	550	510	27	1	12
Prince Edward County	Picton	29	8	20	624	113	757	702	33	2	20
Scott Memorial Hospital	Seaforth	21	6	9	501	60	570	529	19	2	20
Norfolk General Hospital	Simcoe	40	10	42	1,034	239	1,315	1,216	59	14	26
General Hospital	Sioux Lookout	22	4	19	677	49	745	698	23	.....	24
Public Hospital	Smiths Falls	44	6	22	550	105	677	600	40	9	28
St. Francis General	Smiths Falls	38	7	26	441	32	499	451	23	.....	25
General Hospital	Strathroy	44	6	20	496	78	594	516	48	3	27
Brebeuf Hospital	Sturgeon Falls	29	5	31	600	31	662	616	30	3	13
Soldiers' Memorial	Tillsonburg	24	12	17	671	139	827	761	49	3	14
Lockwood Clinic	Toronto	40	.....	26	655	.....	681	631	22	.....	28
County of Bruce	Walkerton	32	6	16	420	68	504	453	27	7	17
Totals		1,096	239	696	20,008	2,909	23,613	21,782	1,020	111	700

*Covers 13 months from September 1st, 1935, when this became Tisdale Public. It was formerly Presbyterian Hospital.

PUBLIC HOSPITALS—Continued

TABLE No. 1.—Showing the bed capacity, both adult and nursery, together with the movement of patients in each hospital separately.—*Continued.*

Name of Hospital	Location	Bed Capacity		Patients in residence on Oct. 1st, 1935	Patients admitted during year ending Sept. 30th, 1936	No. of births during year	Total No. of patients treated during year	No. of patients discharg'd during year	No. of deaths	No. of still-births	Patients remaining in residence on Sept. 30th, 1936
		Adults	Nursery cots								
Group 3— Capacity, 51 to 100 Beds											
Royal Victoria Hospital..	Barrie.....	42	12	38	1,043	151	1,232	1,140	47	9	36
St. Vincent de Paul.....	Brockville.....	77	10	37	882	90	1,009	919	38	4	48
Public General Hospital..	Chatham.....	88	12	48	1,885	221	2,154	1,956	115	11	72
St. Joseph's Hospital.....	Chatham.....	83	12	59	1,486	231	1,776	1,619	99	7	51
Cobourg General.....	Cobourg.....	42	17	16	557	117	690	625	40	7	18
Lady Minto Hospital.....	Cochrane.....	57	8	48	871	118	1,037	954	45	4	34
General & Marine.....	Collingwood....	55	9	26	670	58	754	680	42	3	29
Cornwall General.....	Cornwall.....	65	10	50	1,437	173	1,660	1,535	70	10	45
Hotel Dieu Hospital.....	Cornwall.....	86	14	103	2,209	263	2,575	2,347	101	11	116
Galt General Hospital....	Galt.....	70	10	54	1,369	220	1,643	1,501	86	9	47
St. Joseph's Hospital.....	Guelph.....	99	13	67	1,457	202	1,726	1,574	76	12	64
Kenora General Hospital.	Kenora.....	64	6	28	859	107	994	921	37	10	26
St. Joseph's Hospital.....	Kenora.....	59	6	48	586	104	738	676	30	2	30
Ross Memorial Hospital...	Lindsay.....	50	14	27	951	200	1,178	1,065	68	10	35
St. Joseph's General.....	North Bay.....	83	12	36	1,426	105	1,567	1,463	55	7	42
Soldiers' Memorial.....	Orillia.....	73	12	51	1,470	191	1,712	1,581	76	15	40
General Hospital.....	Oshawa.....	77	20	40	1,968	306	2,314	2,156	104	13	41
Protestant Children's.....	Ottawa.....	43	12	41	621	.....	662	624	22	.....	16
S. A. Grace Hospital.....	Ottawa.....	51	40	79	1,575	955	2,609	2,467	46	30	66
Cottage Hospital.....	Pembroke.....	48	6	23	1,081	86	1,190	1,116	40	4	30
Nicholls' Hospital.....	Peterborough....	81	9	76	1,497	303	1,876	1,708	93	18	57
St. Joseph's Hospital.....	Peterborough....	85	14	64	1,648	247	1,959	1,836	64	9	50
Port Hope Hospital.....	Port Hope.....	45	6	24	570	84	678	611	42	3	22
Victoria Hospital.....	Renfrew.....	54	8	18	718	121	857	793	39	8	17
General Hospital.....	Sault Ste. Marie	92	8	48	1,091	157	1,296	1,185	70	6	35
Plummer Memorial.....	Sault Ste. Marie	48	11	35	999	170	1,204	1,131	41	3	29
St. Mary's Hospital.....	Timmins.....	85	8	62	2,378	138	2,578	2,417	88	3	70
St. John's Hospital.....	Toronto.....	68	0	46	1,840	1	1,887	1,819	31	.....	37
S. A. Women's Hospital..	Toronto.....	55	40	51	1,206	760	2,017	1,933	20	24	40
Welland County Hospital.	Welland.....	55	12	51	1,237	190	1,478	1,335	85	11	47
Woodstock Gen. Hospital	Woodstock.....	75	12	47	1,336	183	1,566	1,451	70	5	40
Totals.....	.....	2,055	383	1,441	38,923	6,252	46,616	43,138	1,880	268	1,330
Group 4— Capacity, 101 to 200 Beds											
General Hospital.....	Belleville.....	98	18	98	2,813	338	3,249	3,003	149	17	80
General Hospital.....	Brockville.....	89	11	47	1,683	145	1,875	1,742	77	6	50
General Hospital.....	Guelph.....	95	12	85	1,715	230	2,030	1,864	82	8	76
St. Joseph's Hospital.....	Hamilton.....	160	25	118	3,025	562	3,705	3,414	157	22	112
Kitchener-Waterloo Hosp.	Kitchener.....	113	27	55	1,998	293	2,346	2,179	89	14	64
St. Mary's Hospital.....	Kitchener.....	116	18	64	1,999	237	2,300	2,104	124	8	64
Niagara Falls General....	Niagara Falls...	120	18	65	1,755	311	2,131	1,959	90	18	64
General and Marine.....	Owen Sound...	87	14	58	1,423	210	1,691	1,560	72	10	49
General Hospital.....	Pembroke.....	91	15	43	1,128	74	1,245	1,124	63	5	53
General Hospital.....	Port Arthur....	92	14	47	1,239	161	1,447	1,355	49	8	35
St. Joseph's General.....	Port Arthur....	151	24	93	3,124	376	3,593	3,343	105	17	128
St. Catharines' General..	St. Catharines..	150	18	112	2,800	414	3,326	3,053	149	14	110
Memorial Hospital.....	St. Thomas....	89	18	64	1,925	263	2,252	2,048	126	12	66
Sarnia General.....	Sarnia.....	111	17	56	1,852	349	2,257	2,082	113	16	46
Stratford General.....	Stratford.....	90	20	46	1,561	265	1,872	1,703	98	14	57
Mount Sinai Hospital....	Toronto.....	82	20	83	2,677	523	3,283	3,113	78	17	75
Toronto East General....	Toronto.....	145	32	168	3,118	568	3,854	3,503	176	29	146
Wellesley Hospital.....	Toronto.....	92	16	73	2,138	196	2,407	2,259	76	9	63
Women's College Hospital	Toronto.....	140	45	67	2,388	686	3,141	2,966	43	18	114
Hotel Dieu Hospital.....	Windsor.....	109	19	101	2,714	329	3,144	2,893	151	29	71
Metropolitan General....	Windsor.....	120	32	105	2,720	433	3,258	2,975	173	15	95
S. A. Grace Hospital.....	Windsor.....	105	15	90	2,188	329	2,607	2,372	144	10	81
Totals.....	.....	2,445	448	1,738	47,983	7,292	57,013	52,614	2,384	316	1,699
Group 5— Capacity, 201 and Over											
Brantford Gen. Hospital..	Brantford.....	184	20	146	3,184	507	3,837	3,468	212	14	143
McKellar Gen. Hospital..	Fort William...	203	23	149	3,322	402	3,873	3,589	125	14	145
Hamilton General (includ. Mt. Hamilton Branch...	Hamilton.....	618	47	462	12,240	1,372	14,074	12,916	637	45	476
Hotel Dieu Hospital.....	Kingston.....	188	20	136	2,557	287	2,980	2,779	85	12	104
Kingston General.....	Kingston.....	340	25	233	5,846	302	6,381	5,962	215	13	191
St. Joseph's Hospital.....	London.....	253	47	166	3,666	489	4,321	3,968	168	18	167
Victoria Hospital.....	London.....	424	30	288	6,137	512	6,937	6,245	351	26	315
Ottawa Civic Hospital....	Ottawa.....	540	60	434	9,782	1,040	11,256	10,319	478	23	436
Ottawa General Hospital.	Ottawa.....	305	31	257	6,461	383	7,101	6,480	316	19	286
St. Joseph's Hospital.....	Sudbury.....	202	28	113	3,601	589	4,303	3,954	192	23	134
Hospital for Sick Children	Toronto.....	360	60	429	8,345	.....	8,774	7,941	434	.....	399
St. Joseph's Hospital.....	Toronto.....	333	23	222	5,674	528	6,424	5,928	275	18	203
St. Michael's Hospital....	Toronto.....	574	60	456	9,360	1,165	10,981	9,896	593	33	459
Toronto General Hospital.	Toronto.....	1,165	175	933	18,097	1,821	20,851	18,945	929	61	916
Toronto Western Hospital (incl. Grace Division)..	Toronto.....	480	72	381	9,411	1,573	11,365	10,433	466	56	410
Totals		6,169	721	4,805	107,683	10,970	123,458	112,823	5,476	375	4,784
GRAND TOTALS: Public General Hospitals.....		11,965	1,866	8,814	218,133	28,000	254,947	234,251	10,927	1,109	8,660
Red Cross Outposts		309	71	127	4,947	856	5,930	5,496	227	39	168
GRAND TOTALS: Including Red Cross		12,274	1,937	8,941	223,080	28,856	260,877	239,747	11,154	1,148	8,828

PUBLIC HOSPITALS—Continued

TABLE No. II.—Showing the collective stay in days of the patients admitted and infants born in the hospital, also the average stay in days each patient was under treatment.

Name of Hospital	Location	No. of patients, including infants born during year	Total collective days' stay of adults treated during year	Total collective days' stay of infants born during year	Total collective days' stay of all patients during year	Average days' stay of all patients, including infants	Average No. of patients in hospital daily	No. of graduate and professional staff	No. of other employees, including nurses-in-training
Group 1— Capacity, 1 to 25 Beds									
Public Hospital	Clinton	344	3,805	583	4,388	12.8	12.	3	12
Cobalt Municipal Hospital	Cobalt	262	2,168	191	2,359	9.	6.4	3	4
Memorial Hospital	Hanover	226	2,474	104	2,578	4.4	7.1	4	4
Memorial Hospital	Listowel	488	4,033	513	4,546	9.3	12.4	5	4
Rosedale War Memorial	Matheson	363	3,724	860	4,584	12.6	12.5	4	4
Louise Marshall Hospital	Mount Forest	230	2,209	430	2,639	11.5	7.2	2	6
Cottage Hospital	Niagara-on-Lake	217	3,446	310	3,756	17.3	10.2	3	4
General Hospital	Palmerston	253	2,171	469	2,640	10.4	7.2	4	1
Willett Hospital	Paris	507	6,008	1,010	7,018	13.8	19.2	7	6
General Hospital	Penetanguishene	436	2,982	406	3,388	7.8	9.3	4	4
Tisdale Public Hospital*	So. Porcupine	471	3,265	481	3,746	8.	10.2	6	3
The Mothercraft Centre	Toronto	178	4,012	.....	4,012	22.5	11.0	5	17
General Hospital	Wingham	272	2,149	418	2,567	9.4	7.0	3	5
Totals		4,247	42,446	5,775	48,221	11.4	131.8	53	74
Group 2— Capacity, 26 to 50 Beds									
Stevenson Memorial	Alliston	508	4,896	671	5,567	10.9	15.2	8	6
Rosamond Memorial	Almonte	402	3,152	871	4,023	10.0	10.9	5	3
General Hospital	Bowmanville	484	4,408	848	5,256	10.9	14.4	3	15
Peel Memorial Hospital	Brampton	933	7,197	1,605	8,802	9.4	24.0	9	8
Lady Minto Hospital	Chapleau	537	6,313	323	6,636	12.3	18.1	5	7
Haldimand War Memorial	Dunnville	496	4,187	747	4,934	9.9	13.4	6	4
Red Cross Memorial	Durham	246	2,402	363	2,765	11.2	7.6	3	4
Groves Memorial Hospital	Fergus	432	3,972	661	4,633	10.7	12.7	9	6
Douglas Memorial	Fort Erie	595	5,462	469	5,931	9.6	16.2	9	10
Alexandra Marine & General	Goderich	528	5,844	764	6,608	12.5	18.0	3	15
Misericordia Hospital	Haileybury	660	7,318	302	7,620	11.6	20.9	19	4
Notre Dame Hospital	Hawkesbury	721	5,848	193	6,041	8.4	16.5	9	11
St. Paul's Hospital	Hearst	1,010	10,112	888	11,000	10.9	30.0	7	12
Alexandra Hospital	Ingersoll	478	4,652	996	,648	11.8	15.4	4	9
Anson General Hospital	Iroquois Falls	537	4,916	545	5,461	10.1	14.9	5	5
General Hospital	Kincardine	421	4,439	712	5,151	12.2	14.1	6	4
General Hospital	Mattawa	218	4,221	189	4,410	20.2	12.0	3	12
St. Andrew's Hospital	Midland	949	9,274	1,390	10,664	11.2	29.1	3	24
York County Hospital	Newmarket	811	9,285	1,359	10,644	13.1	29.1	9	7
Queen Victoria Memorial	North Bay	1,099	9,206	1,301	10,507	9.6	28.8	11	13
Lord Dufferin Hospital	Orangeville	646	7,867	1,058	8,925	13.8	24.4	10	6
General Hospital	Parry Sound	752	7,756	1,230	8,986	11.9	24.6	8	9
St. Joseph's Hospital	Parry Sound	728	6,181	840	7,021	10.9	19.1	9	17
Great War Memorial	Perth	1,041	10,429	1,314	11,743	11.2	32.1	13	10
C. E. Englehart Hospital	Petrolea	550	5,212	732	5,944	10.9	16.2	5	15
Prince Edward County	Picton	757	5,774	1,112	6,886	9.0	19.0	4	16
Scott Memorial Hospital	Seaforth	570	4,391	592	4,983	8.7	13.6	5	10
Norfolk General Hospital	Simcoe	1,315	12,369	2,512	14,881	11.3	40.7	14	13
General Hospital	Sioux Lookout	745	6,601	387	6,988	9.4	19.1	6	8
Public Hospital	Smiths Falls	677	8,979	924	9,903	14.8	27.0	9	26
St. Francis General	Smiths Falls	499	9,262	353	9,615	19.3	26.2	6	15
General Hospital	Strathroy	594	8,096	803	8,899	14.9	24.3	3	21
Brebeuf Hospital	Sturgeon Falls	662	6,548	323	6,871	10.4	18.7	4	10
Soldiers' Memorial	Tillsonburg	827	8,276	1,259	9,535	11.5	26.5	9	11
Lockwood Clinic Hospital	Toronto	681	7,859	.....	7,859	11.5	21.4	10	14
County of Bruce Hospital	Walkerton	504	5,256	589	5,845	11.6	15.9	4	13
Totals		23,613	237 960	29,225	267,185	11.3	730.1	255	393

*Covers 13 months from September 1st, 1935, when this became the Tisdale Public Hospital. It was formerly the Presbyterian Hospital.

PUBLIC HOSPITALS—Continued

TABLE No. II.—Showing the collective stay in days of the patients admitted and infants born in the hospital, also the average stay in days each patient was under treatment.—*Continued*

Name of Hospital	Location	No. of patients, including infants born during year	Total collective days' stay of adults treated during year	Total collective days' stay of infants born during year	Total collective days' stay of all patients during year	Average days' stay of all patients, including infants	Average No. of patients in hospital daily	No. of graduate and professional staff	No. of other employees, including nurses-in-training
Group 3— Capacity, 51 to 100 Beds									
Royal Victoria Hospital	Barrie	1,232	10,763	1,654	12,417	10.0	33.9	4	31
St. Vincent de Paul	Brockville	1,009	12,818	1,038	13,856	13.7	37.8	16	48
Public General Hospital	Chatham	2,154	20,573	2,414	22,987	10.6	62.8	9	56
St. Joseph's Hospital	Chatham	1,776	17,895	2,292	20,187	11.4	55.1	14	62
Cobourg General Hospital	Cobourg	690	7,182	1,122	8,304	12.0	22.7	10	9
Lady Minto Hospital	Cochrane	1,037	17,978	1,192	19,170	18.5	52.4	17	16
General & Marine Hospital	Collingwood	754	10,166	802	10,968	14.5	29.9	5	30
Cornwall General Hospital	Cornwall	1,660	18,658	1,923	20,581	12.4	56.2	11	47
Hotel Dieu Hospital	Cornwall	2,575	31,502	2,849	34,351	13.3	93.9	22	51
Galt General Hospital	Galt	1,643	18,795	2,228	21,023	12.8	57.4	23	22
St. Joseph's Hospital	Guelph	1,726	25,013	2,348	27,361	15.9	74.7	15	69
Kenora General Hospital	Kenora	994	11,639	874	12,513	12.6	34.1	5	24
St. Joseph's Hospital	Kenora	738	11,525	908	12,433	16.8	33.9	8	18
Ross Memorial Hospital	Lindsay	1,178	10,379	1,859	12,238	10.3	33.4	5	28
St. Joseph's Hospital	North Bay	1,567	15,786	976	16,762	10.7	45.8	11	41
Soldiers' Memorial	Orillia	1,712	18,615	1,895	20,510	11.9	56.0	12	51
General Hospital	Oshawa	2,314	16,933	2,540	19,473	8.4	53.2	8	74
Protestant Children's	Ottawa	662	10,190	.....	10,190	15.4	27.8	10	15
S. A. Grace Hospital	Ottawa	2,609	15,202	10,105	25,307	9.7	69.1	12	38
Cottage Hospital	Pembroke	1,190	9,977	1,109	11,086	9.3	30.3	5	28
Nicholls' Hospital	Peterborough	1,876	22,864	3,143	26,007	13.9	71.1	12	58
St. Joseph's Hospital	Peterborough	1,959	18,229	2,595	20,824	10.6	56.9	12	41
Port Hope Hospital	Port Hope	678	6,075	849	6,924	10.2	18.8	9	9
Victoria Hospital	Renfrew	857	8,521	1,228	9,749	11.4	26.6	4	26
General Hospital	Sault Ste. Marie	1,296	14,454	1,549	16,003	12.3	43.7	14	41
Plummer Memorial	Sault Ste. Marie	1,204	9,776	1,911	11,687	9.7	31.9	6	33
St. Mary's Hospital	Timmins	2,578	24,447	1,508	25,955	10.1	70.8	16	64
St. John's Hospital	Toronto	1,887	17,225	17	17,242	9.1	47.1	20	55
S. A. Women's Hospital	Toronto	2,017	12,436	8,632	21,068	10.4	57.5	17	44
Welland County Hospital	Welland	1,478	14 923	1,998	16,921	11.4	46.2	32	14
Woodstock General	Woodstock	1,566	16,334	1,864	18,198	11.6	49.6	10	50
Totals		46,616	476,873	65,422	542,295	11.6	1,481.9	374	1,193
Group 4— Capacity, 101 to 200 Beds									
General Hospital	Belleville	3,249	32,901	3,057	35,958	11.1	98.2	13	77
General Hospital	Brockville	1,875	20,983	1,738	22,721	12.1	62.1	9	64
General Hospital	Guelph	2,030	22,776	2,435	25,211	12.4	68.9	13	87
St. Joseph's Hospital	Hamilton	3,705	39,531	5,687	45,218	12.2	123.3	29	144
Kitchener-Waterloo Hospital	Kitchener	2,346	20,049	2,964	23,013	9.8	62.9	21	63
St. Mary's Hospital	Kitchener	2,300	24,307	2,511	26,818	11.7	73.3	22	76
Niagara Falls General	Niagara Falls	2,131	24,557	2,788	27,345	12.8	74.6	12	51
General and Marine	Owen Sound	1,691	15,528	2,168	17,696	10.5	48.3	9	60
General Hospital	Pembroke	1,245	16,715	842	17,557	14.1	47.9	21	38
General Hospital	Port Arthur	1,447	15,228	1,776	17,004	11.7	46.4	12	45
St. Joseph's General	Port Arthur	3,593	39,516	3,982	43,498	12.1	118.9	10	74
St. Catharines' General	St. Catharines	3,326	32,456	3,907	36,363	10.9	99.3	24	89
Memorial Hospital	St. Thomas	2,252	20,862	2,695	23,557	10.5	64.3	20	53
Sarnia General	Sarnia	2,257	18,050	3,074	21,124	9.3	57.7	9	69
Stratford General	Stratford	1,872	18,666	2,682	21,348	11.4	58.4	8	58
Mount Sinai Hospital	Toronto	3,283	28,676	4,746	33,422	10.2	91.3	40	30
Toronto East General	Toronto	3,854	48,782	6,305	55,087	14.1	150.5	37	147
Wellesley Hospital	Toronto	2,407	24,073	2,468	26,541	11.0	72.5	12	123
Women's College Hospital	Toronto	3,141	30,955	8,410	39,365	12.5	107.6	43	107
Hotel Dieu Hospital	Windsor	3,144	29,000	3,553	32,553	10.3	88.9	21	91
Metropolitan General	Windsor	3,258	31,379	4,327	35,706	10.9	97.6	52	54
S. A. Grace Hospital	Windsor	2,607	25,246	3,472	28,718	11.0	78.5	8	82
Totals		57,013	580,236	75,587	655,823	11.4	1,791.9	445	1,682
Group 5— Capacity, 201 and Over									
Brantford General Hospital	Brantford	3,837	47,425	6,094	53,519	13.9	146.2	35	127
McKellar General Hospital	Fort William	3,873	53,157	3,899	57,056	14.9	155.9	25	90
Hamilton General (including Mt. Hamilton Branch)	Hamilton	14,074	155,958	15,893	171,851	12.2	469.5	67	524
Hotel Dieu Hospital	Kingston	2,980	39,765	3,096	42,861	14.4	117.1	38	92
Kingston General	Kingston	6,381	83,570	3,469	87,039	13.6	237.8	29	250
St. Joseph's Hospital	London	4,321	54,343	6,555	60,898	14.1	166.4	33	167
Victoria Hospital	London	6,937	107,753	5,419	113,172	16.3	309.2	36	320
Ottawa Civic Hospital	Ottawa	11,256	162,068	13,062	175,130	15.6	478.5	62	403
Ottawa General Hospital	Ottawa	7,101	92,033	3,937	95,970	13.5	262.2	112	209
St. Joseph's Hospital	Sudbury	4,303	41,231	5,683	46,914	10.9	128.2	17	92
Hospital for Sick Children	Toronto	8,774	141,132	.....	141,132	16.1	385.6	86	308
St. Joseph's Hospital	Toronto	6,424	80,307	5,494	85,801	13.3	234.4	46	256
St. Michael's Hospital	Toronto	10,981	169,642	13,911	183,553	16.7	501.5	108	421
Toronto General Hospital	Toronto	20,851	340,463	21,911	362,374	17.3	990.1	171	775
Toronto Western Hospital (including Grace Division)	Toronto	11,365	135,965	16,956	152,921	13.4	417.8	157	318
Totals		123,458	1,704,812	125,379	1,830,191	14.8	500.5	1,022	4,352
GRAND TOTALS: Public General Hospitals		254,947	3,042,327	301,388	3,343,715	13.1	9,135.8	2,149	7,694
Red Cross Outposts		5,930	43,674	7,917	51,591	8.7	140.9	71	74
GRAND TOTALS: Including Red Cross		260,877	3,086,001	309,305	3,395,306	13.1	9,276.8	2,220	7,768

PUBLIC HOSPITALS—Continued

TABLE No. III.—Showing the cost of operating the hospitals, and the average daily cost of each patient.

Name of Hospital	Location	Total collective days' stay of all patients	Interest and sinking fund charges	Cost of dietaries	Other operating costs	Total operating cost	Average daily per capita cost
Group 1— Capacity, 1 to 25 Beds			$ c.	$ c.	$ c.	$ c.	$ c.
Public Hospital	Clinton	4,388	268 80	2,330 47	8,070 84	10,401 31	2 34
Cobalt Municipal	Cobalt	2,359	.....	1,382 20	6,605 50	7,987 70	3 38
Memorial Hospital	Hanover	2,578	.....	1,001 15	6,531 24	7,532 39	2 92
Memorial Hospital	Listowel	4,546	2,668 16	1,604 52	8,684 40	10,288 92	2 26
Rosedale War Memorial	Matheson	4,584	.....	2,193 61	8,270 69	10,464 30	2 28
Louise Marshall Hospital	Mount Forest	2,639	.....	782 77	5,592 87	6,375 64	2 41
Cottage Hospital	Niagara-on-Lake	3,756	.....	1,828 29	6,258 81	8,087 10	2 15
General Hospital	Palmerston	2,640	.....	No Returns	.....	.....	.....
Willett Hospital	Paris	7,018	.....	3,237 07	15,660 17	18,897 24	2 69
General Hospital	Penetanguishene	3,388	.....	1,098 95	5,931 10	7,030 05	2 07
Tisdale Public Hospital	So. Porcupine	3,746	.....	2,953 80	10,924 20	13,878 00	3 70
The Mothercraft Centre	Toronto	4,012	.....	2,721 27	10,184 89	12,906 16	3 22
General Hospital	Wingham	2,567	.....	1,784 80	6,990 09	8,774 89	3 41
Totals	.....	48,221	2,936 96	22,918 90	99,704 80	122,623 70	2 69
Group 2— Capacity, 26 to 50 Beds							
Stevenson Memorial	Alliston	5,567	.....	2,984 08	17,067 29	20,051 37	3 60
Rosamond Memorial	Almonte	4,023	.....	1,534 40	9,394 47	10,928 87	2 72
General Hospital	Bowmanville	5,256	.....	3,407 21	12,502 85	15,910 06	3 03
Peel Memorial Hospital	Brampton	8,802	.....	3,944 54	18,068 07	22,012 61	2 50
Lady Minto Hospital	Chapleau	6,636	.....	2,775 78	12,756 35	15,532 13	2 34
Haldimand War Memorial	Dunnville	4,934	.....	2,482 82	11,245 51	13,728 33	2 78
Red Cross Memorial	Durham	2,765	448 81	942 32	5,791 51	6,733 83	2 43
Groves Memorial Hospital	Fergus	4,633	.....	2,680 32	13,988 71	16,669 03	3 57
Douglas Memorial	Fort Erie	5,931	.....	5,537 85	22,232 25	27,770 10	4 68
Alexandra Marine & General	Goderich	6,608	.....	3,969 72	13,374 73	17,344 45	2 63
Misericordia Hospital	Haileybury	7,620	4,706 19	4,536 60	9,170 72	13,707 32	1 79
Notre Dame Hospital	Hawkesbury	6,041	650 00	3,071 67	17,345 66	20,417 33	3 37
St. Paul's Hospital	Hearst	11,000	.....	5,511 85	16,101 25	21,613 10	1 96
Alexandra Hospital	Ingersoll	5,648	.....	3,132 76	11,223 63	14,356 39	2 54
Anson General Hospital	Iroquois Falls	5,461	.....	4,992 41	23,496 53	28,488 94	5 21
General Hospital	Kincardine	5,151	.....	1,662 16	10,145 45	11,807 61	2 29
General Hospital	Mattawa	4,410	665 40	1,576 12	13,053 64	14,629 76	3 09
St. Andrew's Hospital	Midland	10,664	3,274 69	3,296 09	19,265 12	22,561 21	2 11
York County Hospital	Newmarket	10,644	7,500 00	3,724 15	20,316 85	24,041 00	2 26
Queen Victoria Memorial	North Bay	10,507	.....	6,767 58	24,986 71	31,754 29	3 02
Lord Dufferin Hospital	Orangeville	8,925	.....	3,480 04	17,762 74	21,242 78	2 38
Parry Sound General	Parry Sound	8,986	.....	3,681 12	12,713 49	16,394 61	1 82
St. Joseph's Hospital	Parry Sound	7,021	.....	3,820 85	13,236 63	17,057 48	2 43
Great War Memorial	Perth	11,743	.....	5,653 45	21,771 27	27,424 72	2 34
C. E. Englehart Hospital	Petrolea	5,944	.....	3,393 35	15,771 48	19,164 83	3 22
Prince Edward County	Picton	6,886	544 86	3,591 21	13,023 40	16,614 61	2 41
Scott Memorial Hospital	Seaforth	4,983	.....	1,701 06	10,246 41	11,947 47	2 39
Norfolk General Hospital	Simcoe	14,881	.....	6,887 39	31,077 18	37,964 57	2 55
General Hospital	Sioux Lookout	6,988	.....	4,062 13	16,046 92	20,109 05	2 87
Public Hospital	Smiths Falls	9,903	.....	7,510 86	22,785 32	30,296 18	3 05
St. Francis General	Smiths Falls	9,615	700 40	7,941 30	19,867 74	27,809 04	2 89
General Hospital	Strathroy	8,899	.....	3,631 75	16,214 19	19,845 94	2 23
Brebeuf Hospital	Sturgeon Falls	6,871	.....	2,353 18	16,169 49	18,522 67	2 69
Soldiers' Memorial	Tillsonburg	9,535	.....	4,458 46	16,971 03	21,429 49	2 24
Lockwood Clinic	Toronto	7,859	1,781 00	3,713 00	35,356 00	39,069 00	4 97
County of Bruce	Walkerton	5,845	302 83	2,510 98	11,464 00	13,974 98	2 39
Totals	.....	267,185	20,574 18	136,920 56	592,004 59	728,925 15	2 73
Group 3— Capacity, 51 to 100 Beds							
Royal Victoria Hospital	Barrie	12,417	158 22	9,949 80	22,550 05	32,499 85	2 61
St. Vincent de Paul	Brockville	13,856	1,914 67	11,309 27	33,791 10	45,100 37	3 25
Public General Hospital	Chatham	22,987	.....	12,547 03	44,972 19	57,519 22	2 50
St. Joseph's Hospital	Chatham	20,187	700 00	13,608 67	46,041 21	59,649 88	2 96
Cobourg General	Cobourg	8,304	.....	3,243 19	18,821 53	22,064 72	2 66
Lady Minto Hospital	Cochrane	19,170	.....	8,376 34	30,901 65	39,277 99	2 05
General & Marine	Collingwood	10,968	.....	7,353 38	20,534 17	27,887 55	2 54
Cornwall General	Cornwall	20,581	532 50	14,315 81	45,423 37	59,739 18	2 90
Hotel Dieu Hospital	Cornwall	34,351	6,541 73	17,482 17	52,385 17	69,867 34	2 03
Galt General Hospital	Galt	21,023	7,305 52	12,500 91	51,463 64	63,964 55	3 04
St. Joseph's Hospital	Guelph	27,361	.....	22,261 33	53,130 06	75,391 39	2 75
Kenora General Hospital	Kenora	12,513	1,362 00	8,272 37	23,919 53	32,191 90	2 57
St. Joseph's Hospital	Kenora	12,433	.....	8,580 92	24,208 34	32,789 26	2 63

PUBLIC HOSPITALS—Continued

TABLE No. III.—Showing the cost of operating the hospitals, and the average daily cost of each patient.—*Continued.*

Name of Hospital	Location	Total collective days' stay of all patients	Interest and sinking fund charges	Cost of dietaries	Other operating costs	Total operating cost	Average daily per capita cost
Group 3—*Continued*			$ c.	$ c.	$ c.	$ c.	$ c.
Ross Memorial Hospital	Lindsay	12,238		7,350 31	28,471 85	35,822 16	2 92
St. Joseph's Hospital	North Bay	16,762	11,640 65	8,789 22	26,005 02	34,794 24	2 07
Soldiers' Memorial	Orillia	20,510	1,612 95	12,405 00	38,732 57	51,137 57	2 48
General Hospital	Oshawa	19,473		14,965 94	48,695 11	63,661 05	3 27
Protestant Children's	Ottawa	10,190	1,380 00	4,275 01	19,959 38	24,234 39	2 39
S. A. Grace Hospital	Ottawa	25,307		10,992 00	37,913 81	48,905 81	1 93
Cottage Hospital	Pembroke	11,086		7,242 43	30,147 12	37,389 55	3 37
Nicholls' Hospital	Peterborough	26,007		16,186 43	58,876 19	75,062 62	2 88
St. Joseph's Hospital	Peterborough	20,824	4,245 11	9,828 20	32,917 28	42,745 48	2 05
Port Hope Hospital	Port Hope	6,924		2,816 75	15,375 17	18,191 92	2 62
Victoria Hospital	Renfrew	9,749	6,732 06	4,536 37	16,344 03	20,880 40	2 14
General Hospital	Sault Ste. Marie	16,003	657 72	6,728 09	24,834 43	31,562 52	1 97
Plummer Memorial	Sault Ste. Marie	11,687	2,135 00	7,120 05	25,069 91	32,189 96	2 75
St. Mary's Hospital	Timmins	25,955	1,370 83	18,814 91	76,004 25	94,819 16	3 65
St. John's Hospital	Toronto	17,242	1,134 82	14,019 56	54,366 64	68,386 20	3 96
S. A. Women's Hospital	Toronto	21,068		10,944 12	41,463 29	52,407 41	2 48
Welland County Hospital	Welland	16,921	1,596 00	8,512 13	39,410 00	47,922 13	2 83
Woodstock General Hospital	Woodstock	18,198	360 00	11,588 84	45,505 94	57,094 78	3 13
Totals		542,295	51,379 78	326,916 55	1,128,234 00	1,455,150 55	2 69
Group 4— Capacity, 101 to 200 Beds							
General Hospital	Belleville	35,958		25,214 79	72,947 54	98,162 33	2 73
General Hospital	Brockville	22,721		15,222 55	50,385 01	65,607 56	2 88
General Hospital	Guelph	25,211		20,859 89	65,808 31	86,668 20	3 44
St. Joseph's Hospital	Hamilton	45,218	2,896 76	33,818 32	83,326 54	117,144 86	2 59
Kitchener-Waterloo Hospital	Kitchener	23,013		15,066 57	68,866 95	83,933 52	3 65
St. Mary's Hospital	Kitchener	26,818	13,206 00	18,826 85	57,847 16	76,674 01	2 85
Niagara Falls General	Niagara Falls	27,345	1,015 63	17,279 46	53,039 98	70,319 44	2 94
General and Marine	Owen Sound	17,696	881 28	12,990 00	40,110 47	53,100 47	3 00
General Hospital	Pembroke	17,557	13,085 00	6,772 33	29,430 59	36,202 92	2 06
General Hospital	Port Arthur	17,004	39,347 13	9,550 87	45,555 01	55,105 88	3 24
St. Joseph's General	Port Arthur	43,498		26,646 05	85,594 10	112,240 15	2 58
St. Catharines' General	St. Catharines	36,363		25,265 77	92,920 17	118,185 94	3 25
Memorial Hospital	St. Thomas	23,557	6,437 56	16,726 23	66,625 91	83,352 14	3 53
Sarnia General	Sarnia	21,124		15,557 41	52,901 01	68,458 42	3 24
Stratford General	Stratford	21,348		12,787 10	51,040 60	63,827 70	2 99
Mount Sinai Hospital	Toronto	33,422	3,503 62	20,644 03	80,640 42	101,284 45	3 03
Toronto East General	Toronto	55,087	1,731 53	34,259 29	138,606 92	172,866 21	3 13
Wellesley Hospital	Toronto	26,541	9,968 98	40,071 91	90,390 60	130,462 51	4 92
Women's College Hospital	Toronto	39,365	10,096 81	21,381 23	101,630 04	123,011 27	3 12
Hotel Dieu Hospital	Windsor	32,553		21,739 29	95,288 80	117,028 09	3 59
Metropolitan General	Windsor	35,706		21,976 65	110,643 41	132,620 06	3 71
S. A. Grace Hospital	Windsor	28,718		21,309 35	74,882 21	96,191 56	3 35
Totals		655,823	102,170 30	453,965 94	1,608,481 75	2,062,447 69	3 15
Group 5— Capacity, 201 and Over							
Brantford General Hospital	Brantford	53,519		26,447 09	121,633 45	148,080 54	2 76
McKellar General Hospital	Fort William	57,056	21,524 65	20,486 33	84,787 24	105,273 57	1 84
Hamilton General (including Mt. Hamilton Branch)	Hamilton	171,851	152,306 78	87,059 56	425,382 25	512,441 81	2 98
Hotel Dieu Hospital	Kingston	42,861	13,339 60	26,712 45	70,440 78	97,153 23	2 26
Kingston General*	Kingston	90,253	17,034 76	71,424 45	212,241 67	283,666 12	3 14
St. Joseph's Hospital	London	60,898	29,253 40	38,271 32	123,143 60	161,414 92	2 65
Victoria Hospital*	London	115,224	48,460 33	71,739 44	283,683 13	355,422 57	3 08
Ottawa Civic Hospital	Ottawa	175,130	265,469 43	104,920 03	437,853 61	542,773 64	3 09
Ottawa General Hospital	Ottawa	95,970	44,282 39	43,931 22	205,316 07	249,247 29	2 59
St. Joseph's Hospital	Sudbury	46,914	23,619 38	24,553 43	87,300 38	111,853 81	2 38
Hospital for Sick Children	Toronto	141,132		88,299 09	419,774 69	508,073 78	3 59
St. Joseph's Hospital	Toronto	85,801	29,906 20	45,498 40	172,825 48	218,323 88	2 54
St. Michael's Hospital	Toronto	183,553	56,415 71	87,180 26	406,034 28	493,214 54	2 72
Toronto General Hospital	Toronto	362,374		263,440 63	1,203,037 81	1,466,478 44	4 04
Toronto Western Hospital (including Grace Division)	Toronto	152,921	22,904 52	111,760 89	523 906 30	635,667 19	4 15
Totals		1,835,457	724,517 15	1,111,724 59	4,777,360 74	5,889,085 33	3 21
GRAND TOTALS: Public General Hospitals		3,348,981	901,578 37	2,052,446 54	8,205,785 88	10,258,232 42	3 06
Red Cross Outposts		51,591		29,891 30	155,116 78	185,008 08	3 59
GRAND TOTALS: Including Red Cross		3,400,572	901,578 37	2,082,337 84	8,360,902 66	10,443,240 50	3 07

*Include 3214 and 2052 days respectively, and costs, Isolation units.

PUBLIC HOSPITALS—Continued

TABLE No. IV.—Showing the sources of income of hospitals.

Name of Hospital	Location	Income from patients for maintenance, miscellaneous sales, etc.	Income from municipalities	Income from property, investments, endowments, etc.	Income from donations, bequests and other gratuitous sources	Grants from municipalities for building debentures, etc.	Total income from all sources other than Provincial grants
Group 1—Capacity, 1 to 25 Beds		$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
Public Hospital	Clinton	9,399 78	1,031 00	.....	266 41	.....	10,697 19
Cobalt Municipal	Cobalt	6,828 95	650 00	.....	215 09	.....	7,694 04
Memorial Hospital	Hanover	3,993 92	2,508 93	171 00	93 00	.....	6,766 85
Memorial Hospital	Listowel	9,866 04	2,744 25	168 54	.....	.....	12,778 83
Rosedale War Memorial	Matheson	1,853 65	116 40	.....	2,639 86	.....	4,609 91
Louise Marshall Hosp.	Mount Forest	4,492 92	1,532 55	47 66	25 00	.....	6,098 13
Cottage Hospital	Niagara-on-Lake	3,903 40	4,552 05	141 50	957 00	.....	9,553 95
General Hospital	Palmerston	.....	.....	.....	No Returns	.....	.....
Willett Hospital	Paris	9,419 78	4,016 05	964 97	.....	.....	14,400 80
General Hospital	Penetanguishene	3,634 42	3,577 01	.....	167 32	.....	7,378 75
Tisdale Public Hosp.	So. Porcupine	12,378 25	5,650 00	.....	.....	.....	18,028 25
The Mothercraft Centre	Toronto	1,355 50	5,614 50	37 88	.....	.....	7,007 88
General Hospital	Wingham	7,503 26	2,248 50	.....	445 63	.....	10,197 39
Totals		74,629 87	34,241 24	1,531 55	4,809 31	.....	115,211 97
Group 2—Capacity, 26 to 50 Beds							
Stevenson Memorial	Alliston	12,890 84	2,139 65	11,822 70	.....	.....	26,853 19
Rosamond Memorial	Almonte	7,922 47	988 75	1,165 98	1,121 73	.....	11,198 93
General Hospital	Bowmanville	10,586 43	2,934 40	1,090 37	32 00	.....	14,643 20
Peel Memorial	Brampton	21,578 22	3,635 95	.....	.....	.....	25,214 17
Lady Minto Hospital	Chapleau	14,386 60	.....	906 46	.....	.....	15,293 06
Haldimand War Mem'l.	Dunnville	11,309 21	2,647 75	297 96	373 56	.....	14,628 48
Red Cross Memorial	Durham	4,823 26	1,985 10	.....	222 00	.....	7,030 36
Groves Memorial	Fergus	12,103 72	6,056 10	.....	324 00	.....	18,483 82
Douglas Memorial	Fort Erie	16,011 53	4,438 45	6,000 00	581 75	.....	27,031 73
Alexandra Marine & Gen.	Goderich	11,412 99	1,876 00	1,487 85	777 50	.....	15,554 34
Misericordia Hospital	Haileybury	14,093 50	1,588 35	.....	1,614 74	.....	17,296 59
Notre Dame Hospital	Hawkesbury	4,929 15	7,247 50	.....	6,076 70	.....	18,253 35
St. Paul's Hospital	Hearst	5,715 66	.....	.....	4,939 45	.....	10,655 11
Alexandra Hospital	Ingersoll	10,172 47	1,900 00	1,326 32	952 67	.....	14,351 46
Anson General Hospital	Iroquois Falls	16,885 00	3,136 83	.....	.....	.....	20,021 83
General Hospital	Kincardine	9,151 51	2,700 00	358 29	129 85	.....	12,339 65
General Hospital	Mattawa	6,075 45	1,286 75	786 67	8,235 03	.....	16,383 90
St. Andrew's Hospital	Midland	15,316 95	7,207 20	242 50	45 00	2,722 69	25,534 34
York County Hospital	Newmarket	16,797 35	9,461 75	.....	.....	.....	26,259 10
Queen Victoria Memorial	North Bay	25,053 95	5,819 57	49 55	1,159 22	.....	32,082 29
Lord Dufferin Hospital	Orangeville	13,612 66	6,114 15	.....	325 22	.....	20,052 03
General Hospital	Parry Sound	14,491 45	1,997 25	.....	434 04	.....	16,922 74
St. Joseph's Hospital	Parry Sound	11,590 92	2,235 75	90 67	3,006 08	.....	16,923 42
Great War Memorial	Perth	30,943 48	2,741 20	1,447 50	470 86	.....	35,603 04
C. E. Englehart Hosp.	Petrolea	13,404 20	1,838 40	4,425 00	4,625 00	.....	24,292 60
Prince Edward County	Picton	13,319 76	4,220 50	195 95	2,825 23	.....	20,561 44
Scott Memorial Hosp.	Seaforth	15,298 88	1,812 50	502 08	.....	.....	17,613 46
Norfolk General Hosp.	Simcoe	30,691 66	6,386 18	1,555 84	2,465 75	.....	41,099 43
General Hospital	Sioux Lookout	16,521 03	1,245 50	590 42	1,722 76	.....	20,079 71
Public Hospital	Smiths Falls	19,228 31	5,851 15	3,312 68	4,517 15	.....	32,909 29
St. Francis General	Smiths Falls	17,432 79	3,648 40	32 74	10,762 93	.....	31,876 86
General Hospital	Strathroy	12,317 55	7,649 79	306 22	446 68	.....	20,720 24
Brebeuf Hospital	Sturgeon Falls	5,378 45	7,420 15	.....	3,598 93	.....	16,397 53
Soldiers' Memorial	Tillsonburg	16,784 84	5,544 65	2,524 00	141 74	.....	24,995 23
Lockwood Clinic	Toronto	34,351 00	757 00	.....	.....	.....	35,108 00
County of Bruce	Walkerton	11,141 55	3,550 00	92 74	609 88	.....	15,394 17
Totals		523,724 79	130,062 67	40,610 49	62,537 45	2,722 69	759,658 09

PUBLIC HOSPITALS—Continued

TABLE No. IV.—Showing the sources of income of hospitals.—*Continued.*

Name of Hospital	Location	Income from patients for maintenance, miscellaneous sales, etc.	Income from municipalities	Income from property, investments, endowments, etc.	Income from donations, bequests and other gratuitous sources	Grants from municipalities for building debentures, etc.	Total income from all sources other than Provincial grants
Group 3—							
Capacity, 51 to 100 Beds		$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
Royal Victoria Hosp....	Barrie.....	23,637 04	6,350 85	506 00	25 00	.....	30,518 89
St. Vincent de Paul.....	Brockville.....	37,862 55	4,513 55	.....	18,904 33	.....	61,280 43
Public General Hosp....	Chatham.....	52,413 67	13,904 85	27 50	2,231 79	.....	68,577 81
St. Joseph's Hospital...	Chatham.....	48,519 16	10,971 45	.....	13,574 00	.....	73,064 61
Cobourg General Hosp..	Cobourg.....	15,411 91	6,794 75	770 32	398 30	.....	23,375 28
Lady Minto Hospital....	Cochrane.....	21,473 66	5 531 10	417 72	239 68	.....	27,662 16
General & Marine.....	Collingwood.....	16,176 65	9,065 25	735 66	500 00	.....	26,477 56
Cornwall General.....	Cornwall.....	43,205 32	12,106 90	4,754 13	10,326 39	.....	70,392 74
Hotel Dieu Hospital....	Cornwall.....	36,117 26	32,686 25	.....	14,286 67	.....	83,090 18
Galt General Hospital..	Galt.....	50,445 09	9,279 30	1,667 40	873 68	7,305 52	69,570 99
St. Joseph's Hospital...	Guelph.....	44,259 46	16,638 95	71 30	12,969 70	.....	73,939 41
Kenora General Hosp....	Kenora.....	29,688 20	8,632 94	122 53	874 90	.....	39,318 57
St. Joseph's Hospital...	Kenora.....	17,591 51	5,404 57	180 00	6,554 70	.....	29,730 78
Ross Memorial Hosp....	Lindsay.....	25,175 50	11,097 10	1,243 59	.....	.....	37,516 19
St. Joseph's General ...	North Bay.....	35,396 10	7,168 65	173 24	30,640 00	.....	73,377 99
Soldiers' Memorial.....	Orillia.....	41,741 50	9,271 90	547 66	542 15	.....	52,103 21
General Hospital.....	Oshawa.....	59,557 45	8,310 59	4,838 85	401 23	.....	73,108 12
Protestant Children's...	Ottawa.....	3,973 76	14,564 80	201 56	2,649 07	.....	21,389 19
S. A. Grace Hospital....	Ottawa.....	31,379 08	10,585 30	.....	240 28	.....	42,204 66
Cottage Hospital.....	Pembroke.....	25,368 65	6,000 00	1,448 75	.....	.....	32,817 40
Nicholls' Hospital.....	Peterborough....	53,084 82	10,921 50	10,998 04	.....	.....	75,004 36
St. Joseph's Hospital...	Peterborough....	42,789 83	7,542 00	180 00	10,344 25	.....	60,856 08
Port Hope Hospital....	Port Hope.....	12,796 86	3,083 65	1,181 08	430 00	.....	17,491 59
Victoria Hospital.....	Renfrew.....	16,287 78	5,285 54	72 81	.....	2,273 37	23,919 50
General Hospital.....	Sault Ste. Marie.	22,241 10	6,759 51	.....	8,000 00	.....	37,000 61
Plummer Memorial.....	Sault Ste. Marie.	29,261 10	2,736 75	.....	545 41	.....	32,543 26
St. Mary's Hospital....	Timmins.....	109 223 31	5,764 84	66 38	15,395 45	.....	130,449 98
St. John's Hospital.....	Toronto.....	48,609 72	4,893 00	92 12	889 99	.....	54,484 83
S. A. Women's Hosp....	Toronto.....	45,483 68	6,426 80	.....	126 40	.....	52,036 88
Welland County Hosp...	Welland.....	35,633 47	16,589 55	210 35	5,223 44	.....	57,656 81
Woodstock General.....	Woodstock.....	43,096 37	8,000 00	1,685 51	1,453 07	.....	54,234 95
Totals.....	.....	1,117,901 56	286,882 19	32,192 50	158,639 88	9,578 89	1,605,195 02
Group 4—							
Capacity, 101 to 200 Beds							
General Hospital.....	Belleville.....	73,074 27	26,990 55	3,244 92	9,390 55	.....	112,700 29
General Hospital.....	Brockville.....	56,732 80	12,159 35	1,458 88	8,423 09	.....	78,774 12
General Hospital.....	Guelph.....	61,060 69	24,138 05	307 65	.....	.....	85,506 39
St. Joseph's Hospital...	Hamilton.....	98,485 77	17,141 65	995 24	7,212 63	.....	123,835 29
Kitchener-Waterloo....	Kitchener.....	67,800 87	15,915 12	711 63	68 36	*500 25	84,996 23
St. Mary's Hospital....	Kitchener.....	57,083 78	19,689 00	.....	10,415 40	.....	87,188 18
Niagara Falls General..	Niagara Falls....	55,280 80	23,009 80	376 00	2,279 59	.....	80,946 19
General & Marine.....	Owen Sound....	43,127 41	7,246 50	.....	1,659 83	.....	52,033 74
General Hospital.....	Pembroke.....	25,598 02	5,000 00	300 11	11,308 35	.....	42,206 48
General Hospital.....	Port Arthur.....	45,673 73	13,866 69	1,900 20	1,447 99	.....	62,888 61
St. Joseph's General....	Port Arthur.....	83,387 63	13,554 99	.....	35,102 05	.....	132,044 67
St. Catharines' General.	St. Catharines...	68,511 98	31,747 35	5,410 70	7,556 84	*2,071 00	115,297 87
Memorial Hospital.....	St. Thomas.....	66,369 37	18,973 17	1,552 63	263 25	6,437 56	93,595 98
Sarnia General.....	Sarnia.....	57,583 91	14,117 40	2,220 00	10 00	.....	73,931 31
Stratford General.....	Stratford.....	51,597 75	10,035 54	364 01	125 00	.....	62,122 30
Mount Sinai Hospital....	Toronto.....	61,614 72	23,293 78	.....	9,579 75	.....	94,488 25
Toronto East General...	Toronto.....	110,357 89	47,574 95	.....	.....	.....	157,932 84
Wellesley Hospital.....	Toronto.....	131,384 56	1,614 20	.....	.....	.....	132,998 76
Women's College Hosp..	Toronto.....	57,594 34	37,372 25	.....	1,069 35	*2,337 58	98,373 52
Hotel Dieu Hospital....	Windsor.....	72,297 53	26,379 95	190 00	20,291 57	.....	119,159 05
Metropolitan General...	Windsor	81,190 81	26,415 45	.....	609 50	.....	108,215 76
S. A. Grace Hospital....	Windsor.....	66,027 50	16,296 64	.....	1,258 11	.....	83,582 25
Totals.....	.....	1,491,836 13	432,532 38	19,031 97	128,071 21	11,346 39	2,082,818 08
Group 5—							
Capacity, 201 and Over							
Brantford General.....	Brantford.....	92,435 68	36,428 15	180 00	1,101 20	*979 18	131,124 21
McKellar General.....	Fort William....	74,711 89	26,600 00	50 00	115 00	*2,316 20	103,793 09
Hamilton General (incl	uding						
Mt. Hamilton Branch)	Hamilton.....	213,635 73	285,229 21	.....	.....	.....	498,864 94
Hotel Dieu Hospital....	Kingston.....	68,168 70	18,446 60	16 92	25,904 08	.....	112,536 30
Kingston General.....	Kingston.....	184,289 94	76,959 95	19,582 43	6,394 45	*10,013 50	297,240 27
St. Joseph's Hospital...	London.....	161,418 47	32,206 50	1,281 73	30,855 30	.....	225,762 00
						48,460 33	
Victoria Hospital.	London.....	210,317 06	108,683 79	414 03	.....	*10,474 75	378,349 96
Ottawa Civic Hospital..	Ottawa.....	346,317 63	252,228 07	8,593 08	4,575 00	132,160 76	743,874 54
Ottawa General Hospital	Ottawa.....	185,488 06	82,564 52	584 23	44,023 53	.....	312,660 34
St. Joseph's Hospital...	Sudbury.....	98,367 84	15,781 15	1,894 21	23,194 71	.....	139,237 91
Hosp. for Sick Children.	Toronto.....	117,700 41	202,819 33	61,909 57	50,687 19	*9,159 20	442,275 70
St. Joseph's Hospital...	Toronto.....	106,515 33	94,888 08	.....	36 56	.....	201,439 97
St. Michael's Hospital..	Toronto.....	277,302 29	214,529 67	987 76	748 50	*7,495 50	501,063 72
Toronto General Hosp..	Toronto.....	978,900 61	330,147 85	52,332 03	11,040 72	*7,231 00	1,379,652 21
Toronto Western (includ	ing						
Grace Division).....	Toronto.....	365,277 93	158,707 83	.....	312 13	.....	524,297 89
Totals		3,480,847 57	1,936,220 70	147,825 99	198,988 37	228,290 42	5,992,173 05
GRAND TOTALS:							
Public General Hospitals.....		6,688,939 92	2,819,939 18	241,192 50	553,046 22	251,938 39	10,555,056 21
Red Cross Outposts		109,863 37	10,941 05	.....	14,726 97	6,041 98	141,573 37
GRAND TOTALS:							
Including Red Cross		6,798,803 29	2,830,880 23	241,192 50	567,773 19	†257,980 37	10,696,629 58

*Grant from Province for special clinics and radiotherapy.
†Includes grants from Province for special clinics and radiotherapy amounting to $52,578.16.

PUBLIC HOSPITALS—Continued

TABLE No. V.—Showing the basis on which the Statutory aid is granted.

Name of Hospital	Location	Days at 60c	Days at 10c	Infants born days at 30c	Total per diem grant	Grant for indigents from unorganized territory	Grant for long stay patients in residence Sept.30th, 1936	Adjustments and Deductions DEBIT	Total Government grant
Group 1—Capacity 1 to 25 Beds					$ c.	$ c.	$ c.	$ c.	$ c.
Public Hospital....	Clinton.....	1,425	99	150	909 90	.....	.....	38 40	871 50
Cobalt Municipal..	Cobalt.....	888	474	9	582 90	.....	.....	9 60	573 30
Memorial Hospital.	Hanover.....	1,397	621	213	964 20	.....	36 60	202 20	798 60
Memorial Hospital.	Listowel.....	2,316	220	343	1,514 50	.....	.....	21 00	1,493 50
Rosedale War Mem.	Matheson.....	3,182	191	749	2,153 00	4,771 60	.....	190 85	6,733 75
Louise Marshall....	Mount Forest..	1,353	158	201	887 90	.....	.....	6 00	881 90
Cottage Hospital....	Niagara-on-Lake	2,418	48	193	1,513 50	.....	36 60	18 00	1,532 10
General Hospital...	Palmerston.....	1,815	.....	212	1,152 60	.....	.....	11 70	1,140 90
Willett Hospital...	Paris.....	3,212	365	586	2,139 50	.....	131 20	20 10	2,250 60
General Hospital...	Penetanguishene	2,355	60	361	1,527 30	42 00	.....	58 50	1,510 80
Tisdale Public.....	So. Porcupine..	1,813	81	58	1,113 30	190 00	.....	31 20	1,272 10
Mothercraft Centre	Toronto.....	4,038	.....	.....	2,422 80	.....	.....	.....	2,422 80
General Hospital...	Wingham.....	364	198	64	257 40	.....	.....	65 70	191 70
Presbyterian Hosp.*	So. Porcupine..	211	79	.....	134 50	.....	.....	.....	134 50
Totals.....	.....	26,787	2,594	3,139	17,273 30	5,003 60	204 40	673 25	21,808 05
Group 2—Capacity 26 to 50 Beds									
Stevenson Mem....	Alliston.....	4,491	68	320	2,797 40	.....	.....	7 20	2,790 20
Rosamond Mem.....	Almonte.....	1,818	.....	503	1,241 70	.....	.....	10 50	1,231 20
General Hospital...	Bowmanville...	1,601	76	388	1,084 60	.....	36 60	6 00	1,115 20
Peel Memorial.....	Brampton.....	3,903	.....	877	2,604 90	.....	.....	.....	2,604 90
Lady Minto Hosp..	Chapleau.....	2,509	314	261	1,615 10	2,330 40	.....	.....	3,945 50
Haldimand War M.	Dunnville.....	2,189	18	412	1,438 80	.....	.....	26 70	1,412 10
Red Cross Mem....	Durham.....	824	179	272	593 90	.....	36 60	4 50	626 00
Groves Memorial..	Fergus.....	1,141	68	42	704 00	.....	.....	63 90	640 10
Douglas Mem.....	Fort Erie.....	1,679	258	86	1,059 00	.....	.....	.....	1,059 00
Alexandra Marine & General Hosp.	Goderich.....	2,794	241	247	1,774 60	.....	96 80	34 20	1,837 20
Misericordia Hosp.	Haileybury.....	5,504	197	144	3,365 30	3,932 95	139 10	1 80	7,435 55
Notre Dame Hosp.	Hawkesbury...	5,310	.....	96	3,214 80	.....	.....	.....	3,214 80
St. Paul's Hosp....	Hearst.....	8,431	129	761	5,299 80	10,361 00	.....	117 45	15,543 35
Alexandra Hosp....	Ingersoll.....	2,316	217	184	1,466 50	.....	.....	34 20	1,432 30
Anson Gen. Hosp ..	Iroquois Falls..	2,864	41	107	1,754 60	812 70	.....	33 80	2,533 50
General Hospital...	Kincardine.....	1,707	133	441	1,169 80	.....	171 70	88 50	1,253 00
General Hospital...	Mattawa.....	1,221	.....	40	744 60	.....	.....	23 40	721 20
St. Andrew's Hosp.	Midland.....	4,479	289	764	2,945 50	1,024 30	139 40	7 20	4,102 00
York County Hosp.	Newmarket....	5,943	614	798	3,866 60	.....	104 70	.....	3,971 30
Queen Victoria M..	North Bay.....	5,226	8	645	3,329 90	687 30	.....	56 10	3,961 10
Lord Dufferin Hosp	Orangeville.....	4,632	630	441	2,974 50	22 00	.....	112 50	2,884 00
General Hospital...	Parry Sound...	4,848	114	733	3,140 10	2,127 80	119 40	.....	5,387 30
St. Joseph's Hosp...	Parry Sound...	4,371	31	660	2,823 70	1,828 80	.....	65 85	4,586 65
Great War Mem...	Perth.....	4,322	413	155	2,681 00	.....	.....	79 50	2,601 50
C.E.Englehart Hosp	Petrolea.....	2,053	377	25	1,277 00	.....	.....	3 00	1,274 00
Prince Edward Co.	Picton.....	3,243	54	591	2,128 50	.....	.....	73 80	2,054 70
Scott Mem. Hosp.	Seaforth.....	1,352	.....	50	826 20	.....	.....	23 40	802 80
Norfolk Gen. H....	Simcoe.....	6,474	139	1,216	4,263 10	.....	120 90	40 80	4,343 20
General Hospital....	Sioux Lookout..	1,291	8	68	795 80	989 00	.....	78 90	1,705 90
Public Hospital....	Smiths Falls....	3,960	1,388	505	2,666 30	.....	73 20	.....	2,739 50
St. Francis Gen....	Smiths Falls....	4,839	1,095	76	3,035 70	.....	101 40	.....	3,137 10
General Hospital...	Strathroy.....	3,764	425	263	2,379 80	.....	218 50	.....	2,598 30
Brebeuf Hospital....	Sturgeon Falls..	6,171	476	110	3,783 20	1,309 00	.....	12 00	5,080 20
Soldiers' Mem.....	Tillsonburg....	6,659	265	466	4,161 70	.....	.....	6 00	4,155 70
Lockwood Clinic...	Toronto.....	411	184	.....	265 00	.....	.....	.....	265 00
County of Bruce...	Walkerton.....	2,864	29	323	1,818 20	.....	36 60	19 30	1,835 50
Totals.....	.....	127,204	8,478	13,070	81,091 20	25,425 25	1,394 90	1,030 50	106,880 85

* NOTE: Balance due when hospital transferred to Tisdale Public Hospital, Sept. 1st, 1935.

PUBLIC HOSPITALS—Continued

TABLE No. V.—Showing the basis on which the Statutory aid is granted.—*Continued.*

Name of Hospital	Location	Days at 60c	Days at 10c	Infants born days at 30c	Total per diem grant	Grant for indigents from unorganized territory	Grant for long stay patients in residence Sept. 30th 1936	Adjustments and Deductions DEBIT	Total Government grant
Group 3—Capacity 51 to 100 Beds					$ c.	$ c.	$ c.	$ c.	$ c.
Royal Victoria	Barrie	5,405	321	607	3,457 20	.....	36 60	61 20	3,432 60
St. Vincent de Paul	Brockville	5,509	651	433	3,500 40	.....	73 20	237 00	3,336 60
Public Gen. Hosp.	Chatham	9,334	787	1,198	6,038 50	.....	108 80	.....	6,147 30
St. Joseph's Hosp.	Chatham	8,841	709	1,245	5,749 00	.....	.....	28 50	5,720 50
Cobourg General	Cobourg	3,991	63	803	2,641 80	.....	180 90	46 80	2,775 90
Lady Minto Hosp.	Cochrane	9,709	826	968	6,198 40	13,057 50	133 30	77 80	19,311 40
General & Marine.	Collingwood	7,814	115	553	4,865 80	.....	36 60	71 70	4,830 70
Cornwall General.	Cornwall	10,297	586	935	6,517 30	.....	.....	28 80	6,488 50
Hotel Dieu Hosp.	Cornwall	24,510	1,165	2,222	15,489 10	.....	141 60	288 10	15,342 60
Galt General Hosp.	Galt	10,536	606	1,753	6,908 10	.....	127 10	18 50	7,016 70
St. Joseph's Hosp.	Guelph	12,869	924	1,100	8,143 80	.....	572 60	9 00	8,707 40
Kenora Gen. Hosp.	Kenora	4,454	1,006	510	2,926 00	247 50	36 60	13 20	3,196 90
St. Joseph's Hosp.	Kenora	3,667	1,413	603	2,522 40	2,972 55	340 00	5 70	5,829 25
Ross Mem. Hosp.	Lindsay	5,701	131	1,144	3,776 90	.....	.....	112 80	3,664 10
St. Joseph's Gen.	North Bay	10,100	78	686	6,273 60	1,290 00	.....	41 00	7,522 60
Soldiers' Mem.	Orillia	10,655	549	1,139	6,789 60	228 20	.....	25 50	6,992 30
General Hospital	Oshawa	7,946	61	972	5,065 30	.....	.....	25 50	5,039 80
Protestant Child's.	Ottawa	10,801	32	.....	6,483 80	.....	.....	.....	6,483 80
S. A. Grace Hosp.	Ottawa	10,653	.....	6,976	8,484 60	.....	.....	.....	8,484 60
Cottage Hospital.	Pembroke	4,476	441	319	2,825 40	.....	.....	9 00	2,816 40
Nicholls' Hospital.	Peterborough	9,904	1,356	1,784	6,613 20	14 00	323 70	33 90	6,917 00
St. Joseph's Hosp.	Peterborough	11,766	509	1,724	7,627 70	8 40	124 00	64 50	7,695 60
Port Hope Hosp.	Port Hope	3,663	186	598	2,395 80	.....	36 60	18 00	2,414 40
Victoria Hospital.	Renfrew	6,912	680	858	4,472 60	68 60	109 80	.....	4,651 00
General Hospital	Sault Ste. Marie	6,789	767	768	4,380 50	717 50	213 50	.....	5,311 50
Plummer Mem.	Sault Ste. Marie	9,208	279	143	5,595 60	957 60	.....	.....	6,553 20
St. Mary's Hosp.	Timmins	7,734	641	128	4,742 90	1,905 50	3 30	10 60	6,641 10
St. John's Hosp.	Toronto	6,736	406	.....	4,082 20	9 80	.....	26 40	4,065 60
S. A. Women's	Toronto	5,926	.....	3,634	4,645 80	.....	.....	.....	4,645 80
Welland County	Welland	8,643	372	1,002	5,523 60	.....	31 90	108 30	5,447 20
General Hospital.	Woodstock	7,936	198	1,011	5,084 70	.....	129 40	22 50	5,191 60
Totals		262,485	15,858	35,816	169,821 60	21,477 15	2,759 50	1,384 30	192,673 95
Group 4—Capacity 101 to 200 Beds									
General Hospital.	Belleville	16,304	351	1,060	10,135 50	.....	102 90	.....	10,238 40
General Hospital.	Brockville	7,779	632	557	4,897 70	.....	36 60	22 50	4,911 80
General Hospital.	Guelph	8,594	1,008	782	5,491 80	.....	236 90	11 40	5,717 30
St. Joseph's Hosp.	Hamilton	21,107	1,801	4,392	14,161 90	.....	117 00	.....	14,278 90
Kitchener-Waterloo	Kitchener	9,006	241	1,236	5,798 50	.....	.....	34 80	5,763 70
St. Mary's Hospital	Kitchener	11,641	1,563	1,461	7,579 20	.....	180 10	152 40	7,606 90
Niagara Falls Gen. H	Niagara Falls	15,908	1,149	1,168	10,010 10	.....	176 50	98 40	10,088 20
General & Marine.	Owen Sound	8,940	873	1,169	5,802 00	23 80	.....	120 90	5,704 90
General Hospital.	Pembroke	8,342	788	470	5,225 00	299 50	350 00	60 80	5,813 70
General Hospital.	Port Arthur	14,962	385	890	9,282 70	1,137 30	36 60	80 50	10,376 10
St. Joseph's Gen'l.	Port Arthur	20,030	1,074	2,024	12,732 60	6,292 10	218 50	715 90	18,527 30
St. Catharines Gen.	St. Catharines	22,989	1,186	3,129	14,850 70	215 50	.....	129 30	14,936 90
Memorial Hosp.	St. Thomas	9,529	591	927	6,054 60	.....	.....	16 80	6,037 80
Sarnia General	Sarnia	6,895	138	1,079	4,474 50	.....	.....	298 80	4,175 70
General Hospital.	Stratford	10,323	733	1,503	6,718 00	.....	36 60	35 70	6,718 90
Mount Sinai Hosp.	Toronto	20,560	516	613	12,571 50	.....	129 20	39 90	12,660 80
Toronto East Gen.	Toronto	47,099	1,950	2,429	29,183 10	33 60	.....	18 60	29,198 10
Wellesley Hospital.	Toronto	2,968	156	10	1,799 40	.....	.....	.....	1,799 40
Women's College.	Toronto	22,685	145	5,768	15,355 90	29 40	.....	27 60	15,357 70
Hotel Dieu Hosp.	Windsor	13,264	1,011	712	8,273 10	.....	73 20	199 20	8,147 10
Metropolitan Gen.	Windsor	29,166	1,262	341	17,728 10	2 80	124 80	10 20	17,845 50
S. A. Grace Hosp.	Windsor	13,108	2,286	1,313	8,487 30	.....	.....	112 40	8,374 90
Totals		341,199	19,839	33,033	216,613 20	8,034 00	1,818 90	2,186 10	224,280 00
Group 5—Capacity 201 and Over									
General Hospital	Brantford	34,627	604	4,813	22,280 50	.....	100 20	271 00	22,109 70
McKellar General.	Fort William	24,913	3,875	2,424	16,062 50	10,656 65	1,445 70	43 30	28,121 55
Hamilton General (including Mt. Hamilton Br)	Hamilton	109,028	4,014	12,952	69,703 80	.....	.....	225 60	69,478 20
Hotel Dieu Hosp.	Kingston	21,960	1,487	1,827	13,872 80	.....	309 20	.....	14,182 00
Kingston General.	Kingston	38,803	7,920	1,657	24,570 90	501 20	669 60	1,983 80	23,757 90
St. Joseph's Hosp.	London	21,947	926	1,531	13,720 10	.....	110 80	28 00	13,802 90
Victoria Hospital.	London	58,829	4,637	2,204	36,422 30	7 00	616 60	.....	37,045 90
Ottawa Civic	Ottawa	92,149	4,631	6,059	57,570 20	261 05	137 20	397 10	57,571 35
Ottawa General H.	Ottawa	52,868	543	2,129	32,413 80	33 60	.....	24 70	32,422 70
St. Joseph's Hosp.	Sudbury	21,839	732	2,004	13,777 80	11,198 85	.....	35 40	24,941 25
Hosp. Sick Children.	Toronto	107,422	16,593	.....	66,112 50	3,825 90	2,313 10	500 10	71,742 40
St. Joseph's Hosp.	Toronto	63,286	1,871	4,106	39,390 50	200 00	.....	250 20	39,340 30
St. Michael's Hosp.	Toronto	125,791	4,959	8,971	78,661 80	2,401 74	317 80	726 30	80,655 04
Toronto Gen. Hosp.	Toronto	238,101	8,953	9,780	146,689 90	5,402 84	73 20	1,009 00	151,156 94
Toronto Western Grace Division)	(including Toronto	88,416	3,218	8,722	55,988 00	480 80	.....	159 00	56,309 80
Totals		1,099,979	64,963	69,179	687,237 40	34,969 63	6,093 40	5,662 50	722,637 93
GRAND TOTALS: Public General Hospitals		1,857,654	111,732	154,237	1,172,036 70	94,909 63	12,271 10	10,936 65	1,268,280 78
Red Cross Outposts		28,679	250	5,854	18,988 60	10,292 90	.....	173 20	29,108 30
GRAND TOTALS: Including Red Cross		1,886,333	111,982	160,091	1,191,025 30	105,202 53	12,271 10	11,109 85	1,297,389 08

PUBLIC HOSPITALS—Continued

TABLE No. VI.—Showing days upon which grant was paid for: (1) long stay patients in hospitals one year or more and still in residence at September 30th, 1936; (2) indigents from unorganized territory, less amounts paid with regular monthly grants during year.

Name of Hospital	Location	Long Stay Patients				Indigents from Unorganized Territory									Total grant
		No. of Patients	Days at 60c.	Days at 10c.	Amount	No. of patients	Total Days at $2.00	Less Days at 60c.	Less Days at 10c.	Amount	No. of infants	Days at $1.00	Less days at 30c.	Amount	
Group 1— Capacity, 1 to 25 Beds					$ c.					$ c.				$ c.	$ c.
Public Hospital	Clinton														
Cobalt Municipal	Cobalt														
Memorial Hospital	Hanover	1		366	36 60										
Memorial Hospital	Listowel														
Rosedale War Memorial	Matheson					188	2,993	2,730	191	4,328 90	63	632	631	442 70	4,771 60
Louise Marshall Hosp.	Mount Forest														
Cottage Hospital	Niagara-on-Lake	1		366	36 60										
General Hospital	Palmerston														
Willett Hospital	Paris	1	120	592	131 20										
General Hospital	Penetanguishene					1	30	30		42 00					42 00
Tisdale Public Hospital	So. Porcupine					6	113	60		190 00					190 00
The Mothercraft Centre	Toronto														
General Hospital	Wingham														
Totals		3	120	1,324	204 40	195	3,136	2,820	191	4,560 90	63	632	631	442 70	5,003 60
Group 2— Capacity, 26 to 50 Beds															
Stevenson Memorial	Alliston														
Rosamond Memorial	Almonte														
General Hospital	Bowmanville	1		366	36 60										
Peel Memorial	Brampton														
Lady Minto Hospital	Chapleau					84	1,590	1,553	35	2,244 70	12	122	121	85 70	2,330 40
Haldimand War Mem.	Dunnville														
Red Cross Memorial	Durham	1		366	36 60										
Groves Memorial	Fergus														
Douglas Memorial	Fort Erie														
Alexandra Mar. & Gen.	Goderich	1	120	248	96 80										
Misericordia Hospital	Haileybury	2	120	671	139 10	137	2,539	2,030	160	3,844 00	11	127	127	88 90	3,932 95
Notre Dame Hospital	Hawkesbury														
St. Paul's Hospital	Hearst					330	7,059	6,935	124	9,944 60	28	594	592	416 40	10,361 00
Alexandra Hospital	Ingersoll														
Anson General Hosp.	Iroquois Falls					40	536	536		750 40	10	89	89	62 30	812 70
General Hospital	Kincardine	3	120	997	171 70										
General Hospital	Mattawa														
St. Andrew's Hospital	Midland	2	120	674	139 40	17	540	171		977 40	7	67	67	46 90	1,024 30
York County Hospital	Newmarket	1	120	327	104 70										
Queen Victoria Memorial	North Bay					34	471	519		630 60	7	81	81	56 70	687 30
Lord Dufferin Hospital	Orangeville					1	11			22 00					22 00
Parry Sound Gen. Hosp.	Parry Sound	1	120	474	119 40	102	1,447	1,467		2,013 80	16	165	170	114 00	2,127 80
St. Joseph's Hospital	Parry Sound					93	1,240	1,259		1,724 60	15	149	149	104 30	1,828 80

Great War Memorial	Perth														
C. E. Englehart Hosp.	Petrolea														
Prince Edward County	Picton														
Scott Memorial Hosp.	Seaforth														
Norfolk General Hosp.	Simcoe	1	120	489	120 90										
General Hospital	Sioux Lookout					40	689	650	39	984 10	1	7	7	4 90	989 00
Public Hospital	Smiths Falls	2		732	73 20										
St. Francis General	Smiths Falls	1	120	294	101 40										
General Hospital	Strathroy	2	240	745	218 50										
Brebeuf Hospital	Sturgeon Falls					84	924	924		1,293 60	2	22	22	15 40	1,309 00
Soldiers' Memorial	Tillsonburg														
Lockwood Clinic	Toronto														
County of Bruce	Walkerton	1		366	36 60										
Totals		19	1,200	6,749	1,394 90	962	17,046	16,044	358	24,429 80	109	1,423	1,425	995 50	25,425 25
Group 3— Capacity, 51 to 100 Beds															
Royal Victoria Hospital	Barrie	1		366	36 60										
St. Vincent de Paul	Brockville	2		732	73 20										
Public General Hospital	Chatham	1	120	368	108 80										
St. Joseph's Hospital	Chatham														
Cobourg General	Cobourg	3	120	1,089	180 90										
Lady Minto Hospital	Cochrane	2	120	613	133 30	239	8,136	5,956	335	12,664 90	54	560	558	392 60	13,057 50
General and Marine	Collingwood	1		366	36 60										
Cornwall General	Cornwall														
Hotel Dieu Hospital	Cornwall	2	120	696	141 60										
Galt General Hospital	Galt	1	120	551	127 10										
St. Joseph's Hospital	Guelph	5	600	2,126	572 60										
Kenora General Hosp.	Kenora	1		366	36 60	13	162	160		228 00	3	27	25	19 50	247 50
St. Joseph's Hospital	Kenora	3	360	1,240	340 00	14	1,568	262	108	2,968 00	1	6	5	4 50	2,972 55
Ross Memorial Hosp.	Lindsay														
St. Joseph's General	North Bay					55	909	908		1,273 20	2	24	24	16 80	1,290 00
Soldiers' Memorial	Orillia					6	163	163		228 20					228 20
General Hospital	Oshawa														
Protestant Children's	Ottawa														
S. A. Grace Hospital	Ottawa														
Cottage Hospital	Pembroke														
Nicholls' Hospital	Peterborough	4	240	1,797	323 70	2	10	10		14 00					14 00
St. Joseph's Hospital	Peterborough	1	120	520	124 00	1	6	6		8 40					8 40
Port Hope Hospital	Port Hope	1		366	36 60										
Victoria Hospital	Renfrew	3		1,098	109 80	5	49	49		68 60					68 60
General Hospital	Sault Ste. Marie	2	240	695	213 50	37	479	479		670 60	7	67	67	46 90	717 50
Plummer Memorial	Sault Ste. Marie					26	655	602	52	943 60	2	20	20	14 00	957 60
St. Mary's Hospital	Timmins	1		33	3 30	95	1,333	1,320		1,874 00	4	45	45	31 50	1,905 50
St. John's Hospital	Toronto					1	7	7		9 80					9 80
S. A. Women's Hospital	Toronto														
Welland County Hosp.	Welland	1		319	31 90										
General Hospital	Woodstock	1	120	574	129 40										
Totals		36	2,280	13,915	2,759 50	494	13,477	9,922	495	20,951 30	74	749	744	525 80	21,477 15

PUBLIC HOSPITALS—Continued

TABLE No. VI.—Showing days upon which grant was paid for: (1) long stay patients in hospitals one year or more and still in residence at September 30th, 1936; (2) indigents from unorganized territory, less amounts paid with regular monthly grants during year.—*Continued.*

Name of Hospital	Location	Long Stay Patients				Indigents from Unorganized Territory									Total grant
		No. of Patients	Days at 60c.	Days at 10c.	Amount	No. of patients	Total Days at $2.00	Less Days at 60c.	Less Days at 10c.	Amount	No. of infants	Days at $1.00	Less days at 30c.	Amount	
Group 4—															
Capacity, 101 to 200 Beds					$ c.					$ c.				$ c.	$ c.
General Hospital	Belleville	1	120	309	102 90										
General Hospital	Brockville	1		366	36 60										
General Hospital	Guelph	4	120	1,649	236 90										
St. Joseph's Hospital	Hamilton	1	120	450	117 00										
Kitchener-Waterloo H.	Kitchener														
St. Mary's Hospital	Kitchener	3	120	1,081	180 10										
Niagara Falls General	Niagara Falls	3	120	1,045	176 50										
General and Marine	Owen Sound					1	12	12		16 80	1	10	10	7 00	23 80
General Hospital	Pembroke	5	240	2,060	350 00	7	195	191	4	275 00	3	35	35	24 50	299 50
General Hospital	Port Arthur	1		366	36 60	37	779	735	46	1,112 40	3	36	37	24 90	1,137 30
St. Joseph's General	Port Arthur	4	120	1,465	218 50	174	4,048	3,199	378	6,138 80	22	219	219	153 30	6,292 10
St. Catharines General	St. Catharines					1	145	120	25	215 50					215 50
Memorial Hospital	St. Thomas														
Sarnia General	Sarnia														
Stratford General	Stratford	1		366	36 60										
Mount Sinai Hospital	Toronto	1	120	572	129 20										
Toronto East General	Toronto					1	24	24		33 60					33 60
Wellesley Hospital	Toronto														
Women's College Hosp.	Toronto					2	21	21		29 40					29 40
Hotel Dieu Hospital	Windsor	2		732	73 20										
Metropolitan General	Windsor	1	120	528	124 80	1	2	2		2 80					2 80
S. A. Grace Hospital	Windsor														
Totals		28	1,200	10,989	1,818 90	224	5,226	4,304	453	7,824 30	29	300	301	209 70	8,034 00
Group 5—															
Capacity, 201 and Over															
General Hospital	Brantford	2	106	366	100 20										
McKellar General Hosp.	Fort William	27	720	10,137	1,445 70	154	6,179	2,967	498	10,528 00	20	185	188	128 60	10,656 65
Hamilton General (incl Mt. Hamilton Branch)	Hamilton														
Hotel Dieu Hospital	Kingston	4	240	1,652	309 20										
Kingston General	Kingston	10	480	3,816	669 60	4	319	228		501 20					501 20
St. Joseph's Hospital	London	1	120	388	110 80										
Victoria Hospital	London	7	600	2,566	616 60	1	5	5		7 00					7 00
Ottawa Civic Hospital	Ottawa	2	120	652	137 20	8	177	178		247 20	1	14		14 00	261 05
Ottawa General Hospital	Ottawa					1	24	24		33 60					33 60
St. Joseph's Hospital	Sudbury					448	7,674	7,535	89	10,818 10	53	544	544	380 80	11,198 85
Hospital Sick Children	Toronto	28	2,040	10,891	2,313 10	32	2,231	970	541	3,825 90					3,825 90
St. Joseph's Hospital	Toronto					4	100			200 00					200 00
St. Michael's Hospital	Toronto	3	360	1,018	317 80	25	1,594	1,254	339	2,401 70					2,401 74
Toronto General Hosp.	Toronto	2		732	73 20	90	3,728	3,419	308	5,373 80	2	41	40	29 00	5,402 84
Toronto Western Hosp. (including Grace Division)	Toronto					4	307	205	102	480 80					480 80
Totals		86	4,786	32,218	6,093 40	771	22,338	16,785	1,877	34,417 30	76	784	772	552 40	34,969 63
GRAND TOTALS: Public General Hospitals		172	9,586	65,195	12,271 10	2,646	61,223	49,875	3,374	92,183 60	351	3,888	3,873	2,726 10	94,909 63
Red Cross Outposts						537	6,583	6,219	64	9,428 20	122	1,230	1,218	864 60	10,292 90
GRAND TOTALS: Including Red Cross		172	9,586	65,195	12,271 10	3,183	67,806	56,094	3,438	101,611 80	473	5,118	5,091	3,590 70	105,202 53

NOTE:—Small differences are due to odd amounts paid on account by patients.

CONVALESCENT HOSPITALS

TABLE No. I.—Showing the bed capacity, together with the movement of patients in each hospital separately.

Name of Hospital	Location	Bed capacity	Patients in residence, Oct. 1st, 1935	No. of patients admitted during year	Total No. of patients treated during year	No. of patients discharged during year	No. of deaths	Patients still in residence on Sept. 30th, 1936
Children's Convalescent Camp*	Burlington.	32	..	65	65	65	..	..
Civitan Convalescent Camp*	Toronto...	26	..	53	53	53	..	..
Hillcrest Convalescent Hospital	Toronto...	35	27	274	301	274	..	27
Totals		93	27	392	419	392	..	27

*These camps are used during summer months only.

TABLE No. II.—Showing the collective stay in days of the patients admitted to the hospital, also the average stay in days each patient was under treatment.

Name of Hospital	Location	Total patients treated	Total days' stay	Average days' stay of each patient	Average No. of patients in hospital daily	Number of graduate staff	All other employees
Children's Convalescent Camp	Burlington.	65	1,744	26.8	29.	3	2
Civitan Convalescent Camp	Toronto...	53	1,105	20.8	18.	2	2
Hillcrest Convalescent Hospital.	Toronto...	301	9,955	33.1	27.3	3	6
Totals		419	12,804	30.5	27.3	8	10

TABLE No. III.—Showing the cost of operating the hospitals, and the average daily cost of each patient.

Name of Hospital	Location	Total collective days	Interest and sinking fund	Cost of dietaries	Other operating costs	Total operating cost	Average daily per capita cost
				$ c.	$ c.	$ c.	$ c.
Children's Convalescent Camp*..	Burlington.	..	..	..	..	..	..
Civitan Convalescent Camp*....	Toronto...	..	..	..	..	..	..
Hillcrest Convalescent Hospital..	Toronto...	9,955	..	4,061 43	12,286 34	16,347 77	1.66
Totals		9,955	..	4,061 43	12,286 34	16,347 77	1.66

* Financial Statements included with Hamilton General Hospital and Toronto East General Hospital, respectively.

TABLE No. IV.—Showing the sources of income of hospitals.

Name of Hospital	Location	Income from patients	Income from municipalities	Income from investments, etc.	Donations and bequests	Total income other than Provincial grant
		$ c.	$ c.	$ c.	$ c.	$ c.
Children's Convalescent Camp	Burlington	..	..	..	..	..
Civitan Convalescent Camp	Toronto	..	..	..	..	..
Hillcrest Convalescent Hospital	Toronto	8,428 57	5,737 05	150 00	..	14,315 62
Totals		8,428 57	5,737 05	150 00	..	14,315 62

TABLE No. V.—Showing the basis on which the Statutory aid is granted.

Name of Hospital	Location	Days at		Amount	Deductions	Total grant
		40c.	30c.			
				$ c.	$ c.	$ c.
Children's Convalescent Camp	Burlington	1,744	..	697 60	..	697 60
Civitan Convalescent Camp	Toronto	1,105	..	442 00	..	442 00
Hillcrest Convalescent Hospital	Toronto	2,337	4,031	2,144 10	8 70	2,135 40
Totals		5,186	4,031	3,283 70	8 70	3,275 00

RED CROSS OUTPOST HOSPITALS

TABLE No. I.—Showing the bed capacity, both adult and nursery, together with the movement of patients in each hospital separately.

Name of Hospital	Location	Bed Capacity		Patients in residence on Oct. 1st, 1935	Patients admitted during year ending Sept. 30th, 1936	No. of births during year	Total No. of patients treated during year	No. of patients discharg'd during year	No. of deaths	No. of still-births	Patients remaining in residence on Sept. 30th, 1936
		Adults	Nursery cots								
Bed capacity, 2 to 83											
Red Cross Outpost	Apsley	7	1	4	56	15	75	74	1	.....	.....
Red Cross Outpost	Atikokan	3	1	2	12	3	17	17	.....	.....	.....
Red Cross Outpost	Bancroft	8	3	2	251	71	324	304	8	1	11
Red Cross Outpost	Blind River	26	4	5	175	41	221	208	8	2	3
Red Cross Outpost	Bracebridge	26	3	23	550	50	623	564	41	5	13
Red Cross Outpost	Coe Hill	6	1	.....	34	14	48	42	4	1	1
Red Cross Outpost	Dryden	33	4	12	616	104	732	677	34	4	17
Red Cross Outpost	Englehart	9	4	16	231	64	311	290	8	4	9
Red Cross Outpost	Espanola	10	4	6	160	23	189	171	6	2	10
Red Cross Outpost	Haliburton	4	1	.....	7	2	9	9	.....	.....	.....
Red Cross Outpost	Hornepayne	7	2	1	57	16	74	74	.....	.....	.....
Red Cross Outpost	Jellicoe	5	1	.....	8	.....	8	7	.....	.....	1
Red Cross Outpost	Kakabeca Falls	3	1	.....	13	10	23	21	.....	1	1
Kirkland Dist. Hospital	Kirkland Lake	66	17	29	1,356	134	1,519	1,395	47	8	69
Red Cross Outpost	Lion's Head	5	1	2	47	29	78	74	1	2	1
Red Cross Outpost	Mindemoya	14	4	5	246	28	279	267	7	.....	5
Red Cross Outpost	Nakina	9	1	.....	141	13	154	152	2	.....	.....
Lady Minto Hospital	New Liskeard	18	5	7	293	63	363	332	17	4	10
Red Cross Outpost	Port Loring	3	2	.....	26	18	44	40	1	3	.....
Red Cross Outpost	Quibell	3	1	.....	10	3	13	11	.....	.....	2
Red Cross Outpost	Rainy River	9	3	6	219	60	285	265	12	.....	8
Red Cross Outpost	Redditt	4	1	.....	24	2	26	25	.....	.....	1
Red Cross Outpost	Richard's Land.	9	2	3	112	30	145	132	11	1	1
Red Cross Outpost	Thessalon	12	2	2	196	42	240	216	19	1	4
Red Cross Outpost	Whitney	5	1	1	60	13	74	73	.....	.....	1
Red Cross Outpost	Wilberforce	3	1	.....	8	5	13	13	.....	.....	.....
Red Cross Car	.....	2	.....	1	39	3	43	43	.....	.....	.....
Totals	.....	309	71	127	4,947	856	5,930	5,496	227	39	168

TABLE No. II.—Showing the collective stay in days of the patients admitted and infants born in the hospital, also the average stay in days each patient was under treatment.

Name of Hospital	Location	Total patients treated during year	Total collective days' stay of adult patients for year	Total collective days' stay of infants born during year	Total collective days' stay of all patients treated during year	Average days' stay of all patients, including infants	Average No. of patients in hospital daily	No. of graduate and professional staff	No. of all other employees
Red Cross Outpost	Apsley	75	405	149	554	7.4	1.5	1	2
Red Cross Outpost	Atikokan	17	51	32	83	4.9	.....	1	1
Red Cross Outpost	Bancroft	324	1,851	645	2,496	7.7	6.8	2	2
Red Cross Outpost	Blind River	221	1,765	346	2,111	9.6	5.8	2	3
Red Cross Outpost	Bracebridge	623	4,459	467	4,926	7.9	13.5	5	6
Red Cross Outpost	Coe Hill	48	179	115	294	6.1	.....	1	2
Red Cross Outpost	Dryden	732	5,716	1,011	6,727	9.2	18.4	5	4
Red Cross Outpost	Englehart	311	2,055	662	2,717	8.7	7.4	3	3
Red Cross Outpost	Espanola	189	2,071	195	2,266	12.0	6.2	2	3
Red Cross Outpost	Haliburton	9	65	19	84	9.3	.....	1	1
Red Cross Outpost	Hornepayne	74	425	171	596	8.1	1.6	1	1
Red Cross Outpost	Jellicoe	8	51	.....	51	6.4	.....	1	2
Red Cross Outpost	Kakabeca Falls	23	96	77	173	7.5	.....	1	1
Kirkland District Hospital	Kirkland Lake	1,519	12,120	1,207	13,327	8.8	36.4	23	22
Red Cross Outpost	Lion's Head	78	311	226	537	6.9	1.5	1	1
Red Cross Outpost	Mindemoya	279	1,912	282	2,194	7.8	6.0	3	3
Red Cross Outpost	Nakina	154	1,496	106	1,602	10.4	4.4	2	1
Lady Minto Hospital	New Liskeard	363	3,305	636	3,941	10.8	10.8	3	3
Red Cross Outpost	Port Loring	44	197	120	317	7.2	.....	1	1
Red Cross Outpost	Quibell	13	52	21	73	5.6	.....	1	1
Red Cross Outpost	Rainy River	285	1,905	580	2,485	8.7	6.8	3	2
Red Cross Outpost	Redditt	26	212	19	231	8.8	.....	1	1
Red Cross Outpost	Richard's Landing	145	772	245	1,017	7.0	2.8	2	2
Red Cross Outpost	Thessalon	240	1,560	381	1,941	8.1	5.3	2	3
Red Cross Outpost	Whitney	74	335	119	454	6.1	1.2	1	1
Red Cross Outpost	Wilberforce	13	76	55	131	10.1	.....	1	1
Red Cross Car	.....	43	232	31	263	6.1	.....	1	1
Totals	.....	5,930	43,674	7,917	51,591	8.7	140.9	71	74

RED CROSS OUTPOST HOSPITALS—Continued

TABLE No. III.—Showing the cost of operating the hospitals, also the average daily cost of each patient.

Name of Hospital	Location	Total collective days' stay of all patients	Percentage of service devoted to hospital	Cost of dietaries	Other operating costs	Total operating cost	Average daily per capita cost*
			%	$ c.	$ c.	$ c.	$ c.
Red Cross Outpost	Bancroft	2,496	100	924 71	4,598 50	5,523 21	2 22
Red Cross Outpost	Blind River	2,111	100	941 89	5,561 54	6,503 43	3 08
Red Cross Outpost	Bracebridge	4,926	100	2,925 67	11,507 61	14,433 28	2 93
Red Cross Outpost	Dryden	6,727	100	3,073 38	12,037 47	15,110 85	2 25
Red Cross Outpost	Englehart	2,717	100	1,298 38	5,952 31	7,250 69	2 67
Red Cross Outpost	Espanola	2,266	100	1,262 64	7,026 35	8,288 99	3 66
Red Cross Outpost	Jellicoe	51	100	270 97	1,659 45	1,930 42	37 85
Kirkland District Hosp	Kirkland Lake	13,327	100	7,291 96	37,621 07	44,913 03	3 37
Red Cross Outpost	Mindemoya	2,194	100	1,113 39	6,789 45	7,902 84	3 60
Red Cross Outpost	Nakina	1,602	100	1,024 83	5,128 25	6,153 08	3 84
Red Cross Outpost	New Liskeard	3,941	100	1,676 35	8,862 94	10,539 29	2 67
Red Cross Outpost	Rainy River	2,485	100	994 87	5,368 62	6,363 49	2 56
Red Cross Outpost	Thessalon	1,941	100	981 86	5,899 34	6,881 20	3 54
Totals		46,784	100	23,780 90	118,012 90	141,793 80	3 03
The following Outposts maintain Public Health and Visiting Nursing Service throughout the District. The total costs shown include this service.							
Red Cross Outpost	Apsley	554	54	680 08	3,367 34	4,047 42	3 94
Red Cross Outpost	Atikokan	83	8	388 68	2,543 23	2,931 91	2 82
Red Cross Outpost	Coe Hill	294	39	307 29	2,457 18	2,764 47	3 67
Red Cross Outpost	Haliburton	84	42	154 07	1,270 83	1,424 90	7 12
Red Cross Outpost	Hornepayne	596	60	560 86	2,724 68	3,285 54	3 31
Red Cross Outpost	Kakabeca Falls	173	15	362 16	2,490 86	2,853 02	2 47
Red Cross Outpost	Lion's Head	537	44	513 17	2,675 85	3,189 02	2 61
Red Cross Outpost	Port Loring	317	30	721 98	2,949 45	3,671 43	3 47
Red Cross Outpost	Quibell	73	11	261 48	2,087 00	2,348 48	3 54
Red Cross Outpost	Redditt	231	23	331 87	2,328 26	2,660 13	2 65
Red Cross Outpost	Richard's Landing	1,017	60	628 68	4,758 11	5,386 79	3 18
Red Cross Outpost	Whitney	454	34	389 22	2,600 36	2,989 58	2 24
Red Cross Outpost	Wilberforce	131	11	386 83	2,387 40	2,774 23	2 33
Red Cross Car		263	89	424 03	2,463 33	2,887 36	9 77
Totals		4,807	37	6,110 40	37,103 88	43,214 28	3 33
GRAND TOTALS		51,591	...	29,891 30	155,116 78	185,008 08	3 59

*Hospital patients only.

TABLE No. IV.—Showing the sources of income of hospitals.

Name of Hospital	Location	Income from patients for maintenance, miscellaneous sales, etc.	Income and grants from municipalities for patients' maintenance and treatment	Donations, bequests and other gratuitous income, and grants from Canadian Red Cross Society	Grants from municipalities for buildings, debentures, etc.	Total income from all sources other than Provincial aid
		$ c.	$ c.	$ c.	$ c.	$ c.
Red Cross Outpost	Apsley	824 39	315 00	663 76	.....	1,803 15
Red Cross Outpost	Atikokan	248 99	.....	529 64	.....	778 63
Red Cross Outpost	Bancroft	3,044 60	1,167 60	534 84	.....	4,747 04
Red Cross Outpost	Blind River	2,908 24	242 80	.....	2,082 59	5,233 63
Red Cross Outpost	Bracebridge	11,658 56	2,837 40	670 64	.....	15,166 60
Red Cross Outpost	Coe Hill	525 86	52 80	402 78	135 78	1,117 22
Red Cross Outpost	Dryden	8,842 00	1,122 75	1,239 88	627 11	11,831 74
Red Cross Outpost	Englehart	2,133 57	588 10	1,186 26	208 01	4,115 94
Red Cross Outpost	Espanola	4,030 15	166 25	45 64	215 86	4,457 90
Red Cross Outpost	Haliburton	181 45	45 00	167 92	.....	394 37
Red Cross Outpost	Hornepayne	1,146 61	.....	467 80	.....	1,614 41
Red Cross Outpost	Jellicoe	142 50	.....	504 78	732 12	1,379 40
Red Cross Outpost	Kakabeca Falls	337 65	5 25	159 15	.....	502 05
Kirkland District Hospital	Kirkland Lake	46,112 34	2,639 85	2,064 07	.....	50,816 26
Red Cross Outpost	Lion's Head	879 42	.....	335 14	249 43	1,463 99
Red Cross Outpost	Mindemoya	4,747 15	245 15	704 43	500 00	6,196 73
Red Cross Outpost	Nakina	3,336 93	.....	409 26	.....	3,746 19
Lady Minto Hospital	New Liskeard	7,807 03	492 20	1,487 20	595 00	10,381 43
Red Cross Outpost	Port Loring	772 60	.....	265 32	165 23	1,203 15
Red Cross Outpost	Quibell	185 85	.....	93 59	90 70	370 14
Red Cross Outpost	Rainy River	3,443 65	624 50	240 04	.....	4,308 19
Red Cross Outpost	Redditt	414 19	.....	526 22	60 00	1,000 41
Red Cross Outpost	Richard's Landing	1,812 06	69 15	857 92	350 00	3,089 13
Red Cross Outpost	Thessalon	2,732 93	233 50	599 34	30 15	3,595 92
Red Cross Outpost	Whitney	566 65	.....	248 10	.....	814 75
Red Cross Outpost	Wilberforce	370 90	86 75	169 25	.....	626 90
Red Cross Car		657 10	7 00	154 00	.....	818 10
Totals		109,863 37	10,941 05	14,726 97	6,041 98	141,573 37

RED CROSS OUTPOST HOSPITALS—Continued

TABLE No. V.—Showing the basis on which the Statutory aid is granted.

Name of Hospital	Location	Days at 60c.	Infant days at 30c.	Over-time days at 10c.	Total per diem grant	Indigents from unorganized territory	Adjustments and deductions DEBIT	Total Provincial aid
Bed capacity, 1 to 30					$ c.	$ c.	$ c.	$ c.
Red Cross Outpost	Apsley	415	154	.....	295 20	.....	.....	295 20
Red Cross Outpost	Atikokan	52	35	.....	41 70	60 90	.....	102 60
Red Cross Outpost	Bancroft	1,833	612	.....	1,283 40	.....	.....	1,283 40
Red Cross Outpost	Blind River	1,168	263	.....	779 70	1,157 10	.....	1,936 80
Red Cross Outpost	Bracebridge	4,453	262	148	2,765 20	.....	.....	2,765 20
Red Cross Outpost	Coe Hill	176	114	.....	139 80	.....	.....	139 80
Red Cross Outpost	Dryden	3,481	941	64	2,377 30	2,596 10	58 80	4,914 60
Red Cross Outpost	Englehart	1,876	637	.....	1,316 70	1,494 30	17 60	2,793 40
Red Cross Outpost	Espanola	1,034	123	.....	657 30	740 60	.....	1,397 90
Red Cross Outpost	Haliburton	48	19	.....	34 50	.....	.....	34 50
Red Cross Outpost	Hornepayne	256	139	.....	195 30	66 50	.....	261 80
Red Cross Outpost	Jellicoe	.....	.....	.....	.....	.....	.....	.....
Red Cross Outpost	Kakabeca Falls	89	77	.....	76 50	18 90	.....	95 40
Kirkland District Hospital.	Kirkland Lake	5,101	139	.....	3,102 30	1,593 40	71 00	4,624 70
Red Cross Outpost	Lion's Head	267	212	.....	223 80	.....	.....	223 80
Red Cross Outpost	Mindemoya	1,558	243	.....	1,007 70	49 25	.....	1,056 95
Red Cross Outpost	Nakina	308	26	.....	192 60	542 65	.....	735 25
Lady Minto Hospital	New Liskeard	2,216	372	38	1,445 00	478 30	25 80	1,897 50
Red Cross Outpost	Port Loring	196	120	.....	153 60	81 20	.....	234 80
Red Cross Outpost	Quibell	14	10	.....	11 40	26 60	.....	38 00
Red Cross Outpost	Rainy River	1,411	571	.....	1,017 90	470 40	.....	1,488 30
Red Cross Outpost	Redditt	201	19	.....	126 30	88 20	.....	214 50
Red Cross Outpost	Richard's Landing	652	246	.....	465 00	.....	.....	465 00
Red Cross Outpost	Thessalon	1,277	347	.....	870 30	458 90	.....	1,329 20
Red Cross Outpost	Whitney	294	119	.....	212 10	343 00	.....	555 10
Red Cross Outpost	Wilberforce	76	54	.....	61 80	.....	.....	61 80
Red Cross Car	.....	227	.....	.....	136 20	26 60	.....	162 80
Totals	.....	28,679	5,854	250	18,988 60	10,292 90	173 20	29,108 30

TABLE No. VI.—Showing days upon which grant was paid for indigents from unorganized territory, less amounts paid with regular monthly grants during year.

Name of Hospital	Location	No. of patients	Days at $2.00	Less		Amount	No. of infants	Days at $1.00	Less days at 30c.	Amount	Total grant
				Days at 60c.	Days at 10c.						
Bed capacity, 1-30						$ c.				$ c.	$ c.
Red Cross Outpost	Apsley	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Red Cross Outpost	Atikokan	4	30	30	.....	42 00	3	27	27	18 90	60 90
Red Cross Outpost	Bancroft	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Red Cross Outpost	Blind River	70	751	751	.....	1,051 40	16	151	151	105 70	1,157 10
Red Cross Outpost	Bracebridge	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Red Cross Outpost	Coe Hill	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Red Cross Outpost	Dryden	135	1,654	1,503	64	2,399 80	28	280	279	196 30	2,596 10
Red Cross Outpost	Englehart	70	921	921	.....	1,289 40	26	292	290	205 00	1,494 30
Red Cross Outpost	Espanola	44	529	529	.....	740 60	.....	.....	.....	.....	740 60
Red Cross Outpost	Haliburton	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Red Cross Outpost	Hornepayne	2	42	42	.....	58 80	1	11	11	7 70	66 50
Red Cross Outpost	Jellicoe	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Red Cross Outpost	Kakabeca Falls.	1	9	9	.....	12 60	1	9	9	6 30	18 90
Kirkland District Hospital	Kirkland Lake	85	1,040	875	.....	1,555 00	5	51	42	38 40	1,593 40
Red Cross Outpost	Lion's Head	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Red Cross Outpost	Mindemoya	5	35	35	.....	49 00	.....	.....	.....	.....	49 25
Red Cross Outpost	Nakina	19	380	380	.....	532 00	2	16	18	10 60	542 65
Lady Minto Hosp.	New Liskeard	17	293	246	.....	438 40	5	57	57	39 90	478 30
Red Cross Outpost	Port Loring	4	50	50	.....	70 00	2	16	16	11 20	81 20
Red Cross Outpost	Quibell	2	14	14	.....	19 60	1	10	10	7 00	26 60
Red Cross Outpost	Rainy River	23	284	284	.....	397 60	10	104	104	72 80	470 40
Red Cross Outpost	Redditt	4	63	63	.....	88 20	.....	.....	.....	.....	88 20
Red Cross Outpost	Richard's Land.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Red Cross Outpost	Thessalon	31	279	278	.....	391 20	10	96	94	67 80	458 90
Red Cross Outpost	Whitney	20	190	190	.....	266 00	12	110	110	77 00	343 00
Red Cross Outpost	Wilberforce	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Red Cross Car	.....	1	19	19	.....	26 60	.....	.....	.....	.....	26 60
Totals	.....	537	6,583	6,219	64	9,428 20	122	1,230	1,218	864 60	10,292 90

NOTE:—Small differences are due to odd amounts paid on account by patients.

SANATORIA FOR CONSUMPTIVES

TABLE No. I.—Showing the bed capacity, together with the movement of patients in each institution separately.

Name of Sanatoria	Location	Bed capacity		Patients in residence on Oct. 1st, 1935	Patients admitted during year ending Sept. 30th, 1936	No. of births during year	Total No. of patients treated during year	No. of patients discharg'd during year	No. of deaths	No. of patients in residence on Sept. 30th, 1936
		Adult beds	Children's beds							
Brant Sanatorium	Brantford	68	34	74	88	.....	162	90	5	67
Fort William Sanatorium	Fort William	100	1	84	125	.....	209	92	19	98
Muskoka Hosp. for Consumptives	Gravenhurst	440	.....	430	370	.....	800	322	68	410
St. Mary's-on-the-Lake Sanatorium	Haileybury	102	13	108	87	2	197	77	29	91
Mountain Sanatorium	Hamilton	556	44	605	434	1	1,040	378	86	576
Kingston Sanatorium	Kingston	35	.....	30	15	.....	45	8	2	35
Freeport Sanatorium	Kitchener	115	10	117	113	.....	230	94	16	120
Queen Alexandra Sanatorium	London	570	30	510	649	.....	1,159	560	92	507
Royal Ottawa Sanatorium	Ottawa	175	35	195	169	.....	364	134	42	188
Niagara Peninsula Sanatorium	St. Catharines	84	.....	85	102	.....	187	88	21	78
Essex County Sanatorium	Sandwich	82	60	141	113	.....	254	124	17	113
The I.O.D.E. Preventorium	Toronto	.....	128	90	200	.....	290	211	.....	79
Toronto and Queen Mary Hosp.	Weston	484	84	523	380	3	906	295	123	488
East Windsor Sanatorium	Windsor	40	.....	38	52	.....	90	62	3	25
Totals	.....	2,851	439	3,030	2,897	6	5,933	2,535	523	2,875

TABLE No. II.—Showing the collective stay in days of the patients admitted to and infants born in the institution and the average stay in days each patient was under treatment.

Name of Sanatoria	Location	Total No. of patients treated during year	Total collective days' stay of all patients for year	Average days' stay of each patient during year	Average No. of patients in sanatoria daily	No. of graduate and professional staff	No. of all other employees, including nurses-in-training
Brant Sanatorium	Brantford	162	26,510	163.6	72.4	9	19
Fort William Sanatorium	Fort William	209	35,152	168.2	96.0	14	18
Muskoka Hospital for Consumptives	Gravenhurst	800	156,568	195.7	427.7	46	171
St. Mary's-on-the-Lake Sanatorium	Haileybury	197	37,498	190.3	102.4	22	54
Mountain Sanatorium	Hamilton	1,040	215,863	206.6	589.8	70	227
Kingston Sanatorium	Kingston	45	2,818	62.6	7.7	6	14
Freeport Sanatorium	Kitchener	230	43,354	188.5	118.4	19	29
Queen Alexandra Sanatorium	London	1,159	188,731	162.8	515.6	73	215
Royal Ottawa Sanatorium	Ottawa	364	70,938	194.9	193.8	33	62
Niagara Peninsula Sanatorium	St. Catharines	187	29,225	156.3	79.8	15	18
Essex County Sanatorium	Sandwich	254	46,111	181.5	125.9	18	36
The I. O. D. E. Preventorium	Toronto	290	34,639	119.4	94.6	9	52
Toronto and Queen Mary Hospital	Weston	906	193,707	213.8	529.2	97	224
East Windsor Sanatorium	Windsor	90	10,570	117.4	28.9	2	10
Totals	.....	5,933	1,091,684	184.0	2,982.2	433	1,149

TABLE No. III.—Showing the cost of operating the Sanatoria and the average daily cost of each patient.

Name of Sanatoria	Location	Total collective days' stay of all patients	Interest and sinking fund charges	Total cost of dietaries	Other operating costs	Total operating cost	Average daily per capita cost
			$ c.	$ c.	$ c.	$ c.	$ c.
Brant Sanatorium	Brantford	26,510	.....	11,027 32	34,908 52	45,935 84	1 73
Fort William Sanatorium	Fort William	35,152	10,901 88	15,640 87	38,530 95	54,171 82	1 54
MuskokaHosp.forConsumptives	Gravenhurst	156,568	.....	99,818 76	230,603 69	330,422 45	2 11
St. Mary's-on-the-Lake San	Haileybury	37,498	23,530 98	22,898 98	53,770 82	76,669 80	2 04
Mountain Sanatorium	Hamilton	215,863	.....	124,476 09	325,957 86	450,433 95	2 08
Kingston Sanatorium*	Kingston	2,818	.....	.....	.....	.....	.....
Freeport Sanatorium	Kitchener	43,354	4,010 28	19,603 49	55,369 94	74,973 43	1 73
Queen Alexandra Sanatorium	London	188,731	.....	102,615 59	295,437 43	398,053 02	2 11
Royal Ottawa Sanatorium	Ottawa	70,938	18,721 24	28,884 04	120,384 59	149,268 63	2 14
Niagara Peninsula Sanatorium	St. Catharines	29,225	.....	16,326 66	50,544 81	66,871 47	2 28
Essex County Sanatorium	Sandwich	46,111	.....	22,351 60	68,141 82	90,493 42	1 96
The I.O.D.E. Preventorium	Toronto	34,639	.....	14,635 43	63,667 18	78,302 61	2 23
Toronto and Queen Mary Hosp.	Weston	193,707	.....	92,797 50	318,699 18	411,496 68	2 12
East Windsor Sanatorium	Windsor	10,570	.....	5,180 12	18,278 31	23,458 43	2 22
Totals	.....	1,091,684	57,164 38	576,256 45	1,674,295 10	2,250,551 55	2 07

*Note:—Unit of and included in Kingston General Hospital Statement.

SANATORIA FOR CONSUMPTIVES—Continued

TABLE No. IV.—Showing the sources of income of Sanatoria.

Name of Sanatoria	Location	Income from patients for maintenance, miscellaneous sales, etc.	Income from municipalities for patients' maintenance and treatment	Income from investments, endowments, etc.	Donations, bequests and other gratuitous and miscellaneous income, etc.	Grants from municipalities for building debentures, etc.	Total income from all sources other than Provincial grants
		$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
Brant Sanatorium	Brantford	1,807 21	25,245 29	2,600 44	10,184 57	.....	39,837 51
Fort William Sanatorium	Fort William	6,774 71	29,984 00	.....	399 00	.....	37,157 71
Muskoka Hospital for Consumptives	Gravenhurst	46,292 79	187,663 75	66,972 53	7,307 22	.....	308,236 29
St. Mary's-on-the-Lake Sanatorium	Haileybury	9,867 00	34,107 00	34 57	10,071 78	.....	54,080 35
Mountain Sanatorium	Hamilton	66,587 08	270,745 78	5,377 06	20,745 75	.....	363,455 67
Kingston Sanatorium*	Kingston	.....	.....	.....	.....	.....	.....
Freeport Sanatorium	Kitchener	5,476 74	60,457 50	726 93	5,271 29	4,010 28	75,942 74
Queen Alexandra San	London	73,162 50	218,362 99	24,177 17	26,759 68	.....	342,462 34
Royal Ottawa San	Ottawa	17,242 64	90,910 64	.....	1,487 63	18,241 11	127,882 02
Niagara Peninsula San	St. Catharines	10,129 66	39,375 50	1,333 18	5,208 76	.....	56,047 10
Essex County Sanatorium	Sandwich	8,811 60	61,638 75	979 99	5,884 58	.....	77,314 92
The I.O.D.E. Preventorium	Toronto	513 20	46,108 25	17,536 91	3,814 50	.....	67,972 86
Toronto & Queen Mary H	Weston	21,546 88	254,212 45	31,571 55	25,546 65	.....	332,877 53
East Windsor Sanatorium	Windsor	394 50	15,331 50	48	.....	.....	15,726 48
Totals		268,606 51	1,334,143 40	151,310 81	122,681 41	22,251 39	1,898,993 52

*Included with Kingston General Hospital

TABLE No. V.—Showing the basis on which the Statutory aid is granted.

Name of Sanatoria	Location	Days at 75c.	Amount	Grant for indigents from unorganized territory. Amount	Adjustments and deductions DEBIT	Total Provincial aid
			$ c.	$ c.	$ c.	$ c.
Brant Sanatorium	Brantford	26,479	19,859 25	.....	1,985 94	17,873 31
Fort William Sanatorium	Fort William	34,835	26,126 25	14,052 85	1,780 42	38,398 68
Muskoka Hosp. for Consumptives	Gravenhurst	154,021	115,515 75	7,257 75	11,281 70	111,491 80
St. Mary's-on-the-Lake Sanatorium	Haileybury	35,454	26,590 50	13,668 75	1,735 49	38,523 76
Mountain Sanatorium	Hamilton	206,312	154,734 00	226 25	15,459 83	139,500 42
Kingston Sanatorium	Kingston	2,493	1,869 75	115 00	186 97	1,797 78
Freeport Sanatorium	Kitchener	43,213	32,409 75	238 75	3,227 40	29,421 10
Queen Alexandra Sanatorium	London	175,773	131,829 75	1,300 00	13,383 03	119,746 72
Royal Ottawa Sanatorium	Ottawa	70,110	52,582 50	321 25	5,271 98	47,631 77
Niagara Peninsula Sanatorium	St. Catharines	29,225	21,918 75	457 50	2,193 76	20,182 49
Essex County Sanatorium	Sandwich	46,078	34,558 50	.....	3,455 85	31,102 65
The I. O. D. E. Preventorium	Toronto	34,535	25,901 25	45 00	2,777 17	23,169 08
Toronto and Queen Mary Hosp.	Weston	188,540	141,405 00	8,193 75	15,074 49	134,524 26
East Windsor Sanatorium	Windsor	10,582	7,936 50	.....	793 50	7,143 00
Totals		1,057,650	793,237 50	45,876 85	78,607 53	760,506 82

TABLE No. VI.—Showing days upon which grant was paid for indigents from unorganized territory, less amounts paid with regular monthly grants during year.

Name of Sanatoria	Location	No. of patients	Days at $2.00	Less days at 75c.	Amount
					$ c.
Brant Sanatorium	Brantford	.....	.....	.....	.....
Fort William Sanatorium	Fort William	62	11,234	11,220	14,052 85
Muskoka Hospital for Consumptives	Gravenhurst	26	5,790	5,763	7,257 75
St. Mary's-on-the-Lake Sanatorium	Haileybury	50	10,989	11,079	13,668 75
Mountain Sanatorium	Hamilton	3	181	181	226 25
Kingston Sanatorium	Kingston	1	92	92	115 00
Freeport Sanatorium	Kitchener	1	191	191	238 75
Queen Alexandra Sanatorium	London	7	1,040	1,040	1,300 00
Royal Ottawa Sanatorium	Ottawa	1	257	257	321 25
Niagara Peninsula Sanatorium	St. Catharines	1	366	366	457 50
Essex County Sanatorium	Sandwich	.....	.....	.....	.....
The I. O. D. E. Preventorium	Toronto	1	36	36	45 00
Toronto and Queen Mary Hospital	Weston	29	6,555	6,555	8,193 75
East Windsor Sanatorium	Windsor	.....	.....	.....	.....
Totals		182	36,731	36,780	45,876 85

HOSPITALS FOR INCURABLES

TABLE No. I.—Showing the bed capacity, together with the movement of patients in each hospital separately.

Name of Hospital	Location	Bed capacity	Patients in residence on Oct. 1st, 1935	No. admitted during year ending Sept. 30th, 1936	Total No. of patients treated during year	No. of patients discharg'd during year	No. of deaths	No. of patients in residence on Sept. 30th, 1936
St. Peter's Infirmary	Hamilton	65	52	56	108	16	36	56
Parkwood Hospital for Incurables	London	112	112	31	143	11	20	112
Perley Home for Incurables	Ottawa	90	81	21	102	6	18	78
St. Vincent Hospital for Incurables	Ottawa	202	189	176	365	84	95	186
Home for Incurable Children	Toronto	40	33	9	42	6	.....	36
Mercy Hospital for Incurables	Toronto	154	155	79	234	37	53	144
Toronto Hospital for Incurables	Toronto	370	350	147	497	35	101	361
Totals		1,033	972	519	1,491	195	323	973

TABLE No. II.—Showing the collective stay in days of the patients admitted to the hospital, also the average stay in days each patient was under treatment.

Name of Hospital	Location	Total No. of patients treated during year	Total collective days' stay of patients for year	Average days' stay of each patient for year	Average No. of patients in hospital daily	No. of graduate and professional staff	No. of all other employees, including nurses-in-training
St. Peter's Infirmary	Hamilton	108	19,979	184.9	54.3	8	18
Parkwood Hospital for Incurables	London	143	40,846	285.6	111.6	17	39
Perley Home for Incurables	Ottawa	102	28,868	283.0	78.9	8	34
St. Vincent Hosp. for Incurables	Ottawa	365	66,731	182.8	182.3	10	125
Home for Incurable Children	Toronto	42	12,213	290.8	33.4	3	22
Mercy Hospital for Incurables	Toronto	234	55,433	236.9	151.4	26	27
Toronto Hospital for Incurables	Toronto	497	130,784	263.1	357.3	56	149
Totals		1,491	354,854	238.0	969.5	128	414

TABLE No. III.—Showing the cost of operating the hospitals and average daily cost of each patient.

Name of Hospital	Location	Total collective days' stay of patients for year	Interest and sinking fund charges	Total cost of dietaries	Other operating costs	Total operating cost	Average daily per capita cost
			$ c.	$ c.	$ c.	$ c.	$ c.
St. Peter's Infirmary	Hamilton	19,979	600 00	5,380 00	20,610 50	25,990 50	1 31
Parkwood Hosp. for Incurables	London	40,846	.....	10,911 28	48,153 65	59,064 93	1 44
Perley Home for Incurables	Ottawa	28,868	.....	6,917 80	32,502 67	39,420 47	1 36
St. Vincent Hosp. for Incurables	Ottawa	66,731	18,369 50	26,754 63	63,233 13	89,987 76	1 35
Home for Incurable Children	Toronto	12,213	.....	5,286 83	21,540 98	26,827 81	2 19
Mercy Hosp. for Incurables	Toronto	55,433	.....	14,756 90	63,872 58	78,629 48	1 42
Toronto Hospital for Incurables	Toronto	130,784	.....	67,958 08	206,925 88	274,883 96	2 12
Totals		354,854	18,969 50	137,965 52	456,839 39	594,804 91	1 67

HOSPITALS FOR INCURABLES—Continued

TABLE No. IV.—Showing the sources of income of hospitals.

Name of Hospital	Location	Income from patients	Income from municipalities	Income from investments, endowments, etc.	Income from donations	Special grants for new buildings and equipment	Total income from all sources other than Provincial aid
		$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
St. Peter's Infirmary	Hamilton	11,716 32	20,984 26	1,866 83	150 49	.....	34,717 90
Parkwood Hosp. for Incurables	London	24,853 49	34,659 20	4,311 56	2,567 89	.....	66,392 14
Perley Home for Incurables	Ottawa	17,688 92	16,029 00	848 87	2,195 51	.....	36,762 30
St. Vincent Hosp. for Incurables	Ottawa	18,613 78	74,607 67	189 27	11,249 37	.....	104,660 09
Home for Incurable Children	Toronto	734 73	3,014 88	5,237 22	29,164 68	.....	38,151 51
Mercy Hospital for Incurables	Toronto	6,917 50	73,458 00	3,619 23	70 00	.....	84,064 73
Toronto Hosp. for Incurables	Toronto	27,402 84	170,754 00	14,537 55	27,999 53	.....	240,693 92
Totals		107,927 58	393,507 01	30,610 53	73,397 47	.....	605,442 59

TABLE No. V.—Showing the basis on which the Statutory aid is granted.

Name of Hospital	Location	Days at 60c.	Amount	Grants for indigents from unorganized territory. Amount	Adjustments and deductions DEBIT	Total Provincial aid
			$ c.	$ c.	$ c.	$ c.
St. Peter's Infirmary	Hamilton	17,451	10,470 60	51 80	1,044 84	9,477 56
Parkwood Hospital for Incurables	London	39,446	23,667 60	.....	2,378 76	21,288 84
Perley Home for Incurables	Ottawa	25,523	15,313 80	.....	1,531 38	13,782 42
St. Vincent Hosp. for Incurables	Ottawa	64,385	38,631 00	3,601 80	3,860 52	38,372 28
Home for Incurable Children	Toronto	12,213	7,327 80	180 00	711 18	6,796 62
Mercy Hospital for Incurables	Toronto	53,228	31,936 80	397 60	3,176 64	29,157 76
Toronto Hospital for Incurables	Toronto	121,505	72,903 00	798 00	7,268 10	66,432 90
Totals		333,751	200,250 60	5,029 20	19,971 42	185,308 38

TABLE No. VI.—Showing days upon which grant was paid for indigents from unorganized territory, less amounts paid with regular monthly grants during year.

Name of Hospital	Location	No. of patients	Days at $2.00	Less days at 60c.	Amount
					$ c.
St. Peter's Infirmary	Hamilton	2	37	37	51 80
Parkwood Hospital for Incurables	London	.....	.....	.....	.....
Perley Home for Incurables	Ottawa	.....	.....	.....	.....
St. Vincent Hospital for Incurables	Ottawa	11	2,572	2,571	3,601 80
Home for Incurable Children*	Toronto	1	360	.....	180 00
Mercy Hospital for Incurables	Toronto	1	284	284	397 60
Toronto Hospital for Incurables	Toronto	2	570	570	798 00
Totals		17	3,823	3,462	5,029 20

*NOTE:—A special rate of 50c. a day has been arranged.

SUMMARIZED STATEMENT OF PROVINCIAL GRANTS

Year October 1st, 1935—September 30th, 1936

	Public Hospitals, Including Convalescent	Red Cross Outposts	Sanatoria for Consumptives	Hospitals for Incurables	Totals
STATUTORY PER DIEM GRANTS:					
Days at 60c	1,867,240	28,679	.....	333,751	2,229,670
Days at 10c	176,927	250	.....	.....	177,177
Infant days at 30c	154,237	5,854	.....	.....	160,091
Days at 75c	.....	.....	1,057,650	.....	1,057,650
Days at 30c. (Convalescent)	4,002	.....	.....	.....	4,002
Days at 40c. (Convalescent)	5,186	.....	.....	.....	5,186
Amount	$1,187,582 80	$18,988 60	$793,237 50	$200,250 60	$2,200,059 50
INDIGENTS FROM UNORGANIZED TERRITORY:					
Number of Patients	2,646	537	182	17	3,382
Days at $2.00 (after deduction for per diem grant)	61,223	6,583	36,731	3,823	108,360
Amount	$92,183 60	$9,428 20	$45,876 85	$5,029 20	$152,517 85
Number of Infants born	351	122	.....	.....	473
Days at $1.00 (after deduction for per diem grant)	3,888	1,230	.....	.....	5,118
Amount	$2,726 10	$864 60	.....	.....	$3,590 70
Total Indigent Grant	$94,909 63	$10,292 90	$45,876 85	$5,029 20	$156,108 58
Total Grant earned for Year	$1,282,492 43	$29,281 50	$839,114 35	$205,279 80	$2,356,168 08
Deduction for Audit Adjustments, etc. and 10% levy (Sanatoria & Incurables)	10,936 65	173 20	78,607 53	19,971 42	109,688 80
Total Net Grant	$1,271,555 78	$29,108 30	$760,506 82	$185,308 38	$2,246,479 28

PRIVATE HOSPITALS

Location	Name of Hospital	Superintendent or Licensee	Bed Capacity	
			Adults	Nursery cots
Maternity, Medical and Surgical				
Allandale	Strathaven Private Hospital	Miss J. A. McLennan	4	
Campbellford	Campbellford Private Hospital	Dr. E. A. Stuart	10	
Chesley	Anne Buckland Private Hospital	Anne Buckland	11	
Clarksburg	Clarksburg Private Hospital	Dr. F. Moore	4	2
Emo	Sutcliffe Private Hospital	Mrs. Emma Sutcliffe	6	1
Foleyet	Foleyet Private Hospital	Dr. E. J. K. Rudd	10	2
Fort Frances	O'Donnell Private Hospital	Dr. J. E. O'Donnell	10	
Fort Frances	McKenzie Private Hospital	Dr. D. C. McKenzie	15	2
Fort William	Margaret Jane Dewar Private Hospital	Dr. R. Kerr Dewar	6	
Geraldton	Little Long Lac Gold Mines Private Hosp.	Dr. J. V. Riches	6	
Havelock	Havelock Private Hospital	Mrs. Lucinda Cummins	5	2
Hawkesbury	Hawkesbury Private Hospital	Dr. T. W. Smith	10	2
Hawkesbury	Kelly Private Hospital	Dr. E. P. Kelly	8	4
Hensall	Huron Springs Sanatorium	Dr. Alexander Moir	15	
Kapuskasing	Sensenbrenner Private Hospital	Spruce Falls Pwr. & Paper Ltd.	40	10
Kirkland Lake	Cairns Private Hospital	Mrs. Mary Moffatt	9	
Leamington	Hopewell Private Hospital	Miss Mary Dinning	12	6
Markdale	Markdale Private Hospital	Dr. R. L. Carefoot	9	3
Millbrook	Turner Private Hospital	Dr. H. A. Turner	6	
Mimico	Mimico Beach Private Hospital	Mrs. W. J. Dennis	4	
Ottawa	Rideau Private Hospital	Mrs. Olive A. Farley	12	6
Port Perry	Port Perry Private Hospital	Mrs. Nellie Whitmore	5	4
Preston	Preston Springs Sanatorium	Drs. J. E. and L. G. Hagmeier	50	
St. Mary's	Crone's Private Hospital	Mrs. J. M. Crone	4	4
Smooth Rock Falls	Smooth Rock Falls Private Hospital	Abitibi Pwr. & Paper Co., Ltd.	6	2
Stouffville	Brier Bush Private Hospital	Mrs. E. R. Good	12	2
Sutton	Sutton Private Hospital	Miss Elsie V. King	6	3
Thorold	Maplehurst Private Hospital	Mrs. Mary J. Britton	20	3
Timmins	St. Judes Private Hospital	Mrs. E. M. Dixon	8	
Toronto, 660 Broadview	Balmy Beach Private Hospital	Mrs. M. A. Strong	20	2
" 538 Brunswick Ave.	Conway Nursing Home	Mrs. C. H. Robinson	10	7
" 71 Winchester St.	Coronado Private Hospital	Miss C. M. Lloyd	10	6
" 739 Dufferin St.	Dufferin Nursing Home	Miss Annie M. Fenn	4	5
" 83 St. Clair Ave. W	Inglewood Private Hospital	Mrs. Helen Gadsby	6	2
" 94 Isabella St	Isabella Hospital	Mrs. Jessie Urquhart	10	
" 550 Jarvis St	St. Mary's Private Hospital	Sisters of Misericorde	25	12
" 32 Gothic Ave	Strathcona Private Hospital	Mrs. S. E. Drewitt	16	6
" 56 Isabella St	Victoria Memorial Hospital	Miss Annie Pringle	25	8
Vankleek Hill	Vankleek Hill Private Hospital	Dr. A. McDonald	10	2
Wiarton, R. R. No. 1	Porter Private Hospital	Mrs. Eva Porter	6	3
Wiarton	Mrs. Root's Private Hospital	Mrs. M. E. Root	7	3
Totals			472	114
Medical and Surgical				
Copper Cliff	International Nickel Co. Ltd. Pte. Hosp.	International Nickel Co. Ltd.	33	
London	Community Private Hospital	Mrs. G. A. Watson	5	
Red Lake	Howey Gold Mines Private Hospital	Dr. T. J. Goodison	4	
South Porcupine	Dome Mines Private Hospital	Dome Mines Limited	5	
Toronto Med. Arts Bldg.	Medical Arts Surgery	Miss Mabel Patterson, Reg. N.	10	
" 880 St. Clair Ave. W.	Oakwood Clinic Hospital	Dr. W. S. Grimshaw	10	
" 123 Isabella St	Private Rest Home	Mrs. Ada Trout	4	
" 626 Church St	Stewart Rest Home	Mrs. Esther C. Stewart	4	
" 43 Wellesley St	St. Margaret's Private Hospital	Miss Pearl Casey	4	
" 94 Prince Arthur Av.	Strathtay Private Hospital	Miss E. W. Henderson	8	
Totals			87	

PRIVATE HOSPITALS—Continued

Location	Name of Hospital	Superintendent or Licensee	Bed Capacity	
			Adults	Nursery cots
Maternity (only)				
Bracebridge	Thompson Nursing Home	Mrs. R. G. Thompson	4	.....
Hamilton, 27 Mountain Av	Salvation Army Maternity Hospital	Salvation Army	13	9
London, Riverview Ave...	Salvation Army Bethesda Hospital	Salvation Army	21	.....
Toronto, 468 Rogers Rd..	Rogers Nursing Home	Mrs. Jean Ballantyne	7	8
" 53 Harvie Ave.....	St. Clair Private Hospital	Dr. H. E. Baker	4	3
Totals	.....	.....	49	20
Private Convalescent Hospitals				
Cobourg	Brookhurst Convalescent and Rest Home..	Miss Effie C. Bolster	5	.....
Preston	Braeside Lodge	Miss Sophia L. J. Robb	22	.....
Toronto, 869 College St..	Allen Rest Home	Miss Catherine Osborne	10	.....
" 89 Prince Arthur Av.	Hamilton Nursing Home	Miss Emma Hamilton	6	.....
" 10 Homewood Ave.	Homewood Rest Home	Mrs. R. M. Middleton	8	.....
" 150 Glen Cedar Rd.	"Quiet Corner" Rest Home	Mrs. Pearle E. Diehl	8	.....
Winona	Loch Sloy Convalescent Home	Mr. R. F. MacFarlane	25	.....
Totals	.....	.....	84	.....
Special Private Hospitals				
Hamilton, 121 Emerald S.	Wood Sanatorium	Mr. John T. Wood	16	.....
London, 390 Ridout St...	Edwards Private Hospital	Mrs. Mary J. Levitt	8	.....
Markham	Glen Rouge Private Hospital	Miss A. E. Mayhew	4	.....
Toronto, 1098 Davenport	Grand Lodge of Ontario, I.O.O.F. Home...	Mr. S. O. Parkes, Secretary	16	.....
Port Stanley*	London and Port Stanley Rly. Emerg. H..	Dr. E. Spence	7	.....
Totals	.....	.....	51	.....
GRAND TOTALS...	.....	.....	**743**	**134**

*NOTE:—Operated during summer months only.

Annual Report

UPON THE

Prisons and Reformatories

OF THE

PROVINCE OF ONTARIO

BEING FOR THE YEAR ENDING 31st MARCH

1936

PRINTED BY ORDER OF
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1937

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To The Honourable Herbert Alexander Bruce,
Lieutenant-Governor of the Province of Ontario.

May It Please Your Honour:

The undersigned has the honour to present the Annual Report upon the Prisons and Reformatories of the Province of Ontario for the year ending 31st March, 1936.

Respectfully submitted,

Signed,

H. C. NIXON,
Minister.

Toronto, March 11th, 1937.

Honourable Harry Corwin Nixon,
Provincial Secretary of Ontario.

Sir:

I have the honour to present herewith the following statistical reports for the fiscal year ending March 31, 1936.

1. Reformatories and Industrial Farms.
2. Common Gaols, consisting of the County and City Gaols and the District Gaols, the latter being owned and operated by the Province.
3. Board of Parole.
4. Salvation Army Prison Report.

Following is a general table from the pre-war year 1913, to date. This table shows the approximate population of the Province, the total commitments and the total number sentenced in each year. May I refer briefly to the great increase in the number of commitments and the number of persons sentenced during the years 1923-1930 and the fact that those were prosperous years and then the heavy decrease in the number of commitments and the number of persons sentenced during the serious depression years 1931-1934. That decrease, apparently, was concluded toward the end of the year 1934 and an increase again appears in the statistics for the year on which we are now reporting.

Year ending September 30th	Approximate population of Ontario.	Persons Committed for Trial	Persons Sentenced to Prison
1913	2,767,000	19,250	11,897
1914	2,770,000	22,777	14,801
1915	2,788,000	20,337	12,663
1916	2,728,000	16,100	9,364
1917	2,750,000	12,445	7,867
1918	2,769,000	13,242	7,874
1919	2,821,000	13,096	7,904
1920	2,849,000	14,756	8,643
1921	2,934,000	16,800	9,790
1922	3,101,000	14,800	9,312
1923	3,035,000	13,995	8,036
1924	3,075,000	15,879	8,834
1925	3,115,000	18,023	11,306
1926	3,151,000	18,933	11,371
1927	3,176,000	20,578	13,927
1928	3,241,000	23,786	16,358
1929	3,285,000	25,980	17,626
1930	3,366,000	29,126	21,421
1931	3,432,000	26,358	18,127
1932	3,479,000	25,235	15,804
1933	3,510,000	22,484	14,538
1934	3,540,000	20,916	13,509
Year ending March 31, 1936	3,690,000	24,053	16,356

Note: The fiscal year was changed in 1935 to end March 31st.

Due, no doubt, partly to the unemployment situation, the proportion of repeaters during the past year has increased and this has been especially the case among youthful prisoners. It is quite evident that many parents are not successfully training their children and the many Organizations engaged in working among and assisting the youth of the Province have not been entirely able to counter balance the evident deficiency in hometraining. It appears that the number of youthful prisoners, many of them adolescents, will continue to increase

in number until our country is able to place them at interesting and suitable occupation or until our Courts can deal more effectively with those coming in conflict with the law.

Undoubtedly, the question of the proper treatment of the adolescent or youthful prisoner is the most important one before our Courts and Penal Institutions. At his first or early appearances in Court it is natural for officials, friends and citizens to say "He is so young, give him another chance". The Court acts accordingly, letting him go with a warning, suspended sentence or placing him on probation. Some may be permanently cured that way but for too many it is not the way of salvation. They say to themselves, "I got off without punishment that time, I think I will be too smart for the Police next time, but if I am caught, I will plead repentance and my friends who helped me before will play on the sympathy of the Court."

File after file in this Department is mute evidence of such youths having been given several "chances". They were intended as chances to make good, but they were actually chances to go bad. Eventually, they had to be sent to prison, young in years, undisciplined and old in criminal knowledge and experience. Our Reformatories are filled with them. "It is never too late to mend." But we as citizens must face the hard practical fact that many such prisoners do not want to mend their ways and all the kindly persuasion is lost on them or regarded as weakness or with contempt.

Prison officials of to-day, being average citizens, are sensitive to criticism and unless absolutely necessary do not apply rigorous discipline for fear of being accused of using "brutal" methods. Our citizens are now paying the piper for their lenient and ultra-kindly feelings. It is evident that the most effective treatment is in the end the kindest. The State is increasingly being forced to take the place of parents in such cases and Courts should be given authority to apply short, sharp treatment which in past history has been most effective.

Although there has been a considerable increase in the number of persons sentenced, there has actually been during recent years a decrease in the number of persons sentenced to the Penitentiaries. It is evident that Courts have preferred to give Gaol or Reformatory sentences. Many prisoners with very serious criminal records have in recent years been committed to the Reformatories. This has created a serious problem for us, especially when such men are given long definite sentences followed by long indeterminate sentences. These men expect that by good conduct in the Institution they will in due course be placed on parole for the indeterminate portion of the sentence but because of their long criminal records and their previous failures on parole or Ticket-of-Leave, the Board of Parole, quite properly, refuses parole. Such a prisoner then feels that the Law has dealt unjustly with him and he is a serious problem during the remainder of the sentence. Probably the only saving factor is that for a greater length of time he is taken out of circulation.

In reporting on the fiscal year ending October 31, 1934, I made the following recommendations:—

To further improve the prison system of Ontario I recommend:—

1. The completing as soon as finances will permit of the permanent fire proof housing for the prisoners at the Main Camp of the Industrial Farm, Bur-

wash. The most dangerous prisoners in our reformative institutions are segregated there. The housing at present in use is unsatisfactory, has out-lived its usefulness and is a fire hazard.

2. Prior to 1931 transfers to reformative institutions were largely on a geographical basis. During the past four years, they have been made chiefly on the basis of past criminal record and irrespective of age, with some geographical considerations. I recommend that segregation by institution be made on the combined basis of age and past record to the following extent:—All prisoners under twenty years of age be transferred to the Ontario Reformatory, Guelph, as well as those between twenty and twenty-five who appear to be most readily susceptible to reformation. Those over twenty-five years of age and most readily susceptible to reformation be transferred to the Ontario Reformatory, Mimico. All those appearing to be less susceptible to reformation and over twenty years of age be transferred to the Industrial Farm, Burwash. That at any time during the sentence individuals who quite evidently have failed to respond to the treatment given be transferred from Guelph and Mimico to Burwash. That the Industrial Farm, Langstaff, continue to take short term gaol prisoners from the City of Toronto. That because of the very reduced female prison population and for reasons of economy, arrangements now being made for the closing of the Industrial Farm, Concord, be completed, the prisoners henceforth being transferred to the Andrew Mercer Reformatory. That because of the low male prison population in North Western Ontario and for reasons of economy consideration be given to the reduction of the Industrial Farm, Fort William, to the status of a camp with a Sergeant and the necessary officers in charge. That as far as is feasible we continue the transfer of gaol prisoners to the reformative institutions in accordance with the above proposals.

3. That the activities of prisoners during the evening hours be further organized along educational and recreational lines, referring particularly to wide extension of the present system of academic and technical education, illustrated lectures, directed reading and physical training. That this programme be first made effective at Guelph and extended later to the other institutions when facilities are available.

4. That reasonable but definite standards be set for officers, that these shall apply in the filling of vacancies. That a survey be made of the present staffs and that officers now in the service be given reasonable opportunity and time to attain the required standards.

In respect to the first recommendation, two of the new permanent buildings at the Main Camp, Burwash, were completed and occupied in October, 1935, accommodating two hundred of the more dangerous prisoners at that Institution. Work is being continued on the third building, consisting of dormitories, auditorium and hospital wing.

The classification recommended in the second recommendation was made effective to as great an extent as possible, considering the small number of Institutions and the accommodation available in each. It has been necessary to vary that classification somewhat from time to time to fit that accommodation. The large number of older repeaters was more than could be accommodated at Burwash and the classification was changed to the extent of placing second repeaters

at the Ontario Reformatory, Mimico, and including the older first offenders with those being sent to the Ontario Reformatory, Guelph.

Progress was made in respect to the third recommendation, that is, the organization of prisoners during the evening hours along educational and recreational lines, especially at the Ontario Reformatory, Guelph, but such work is only in its inception and must be worked out gradually on the basis of experience.

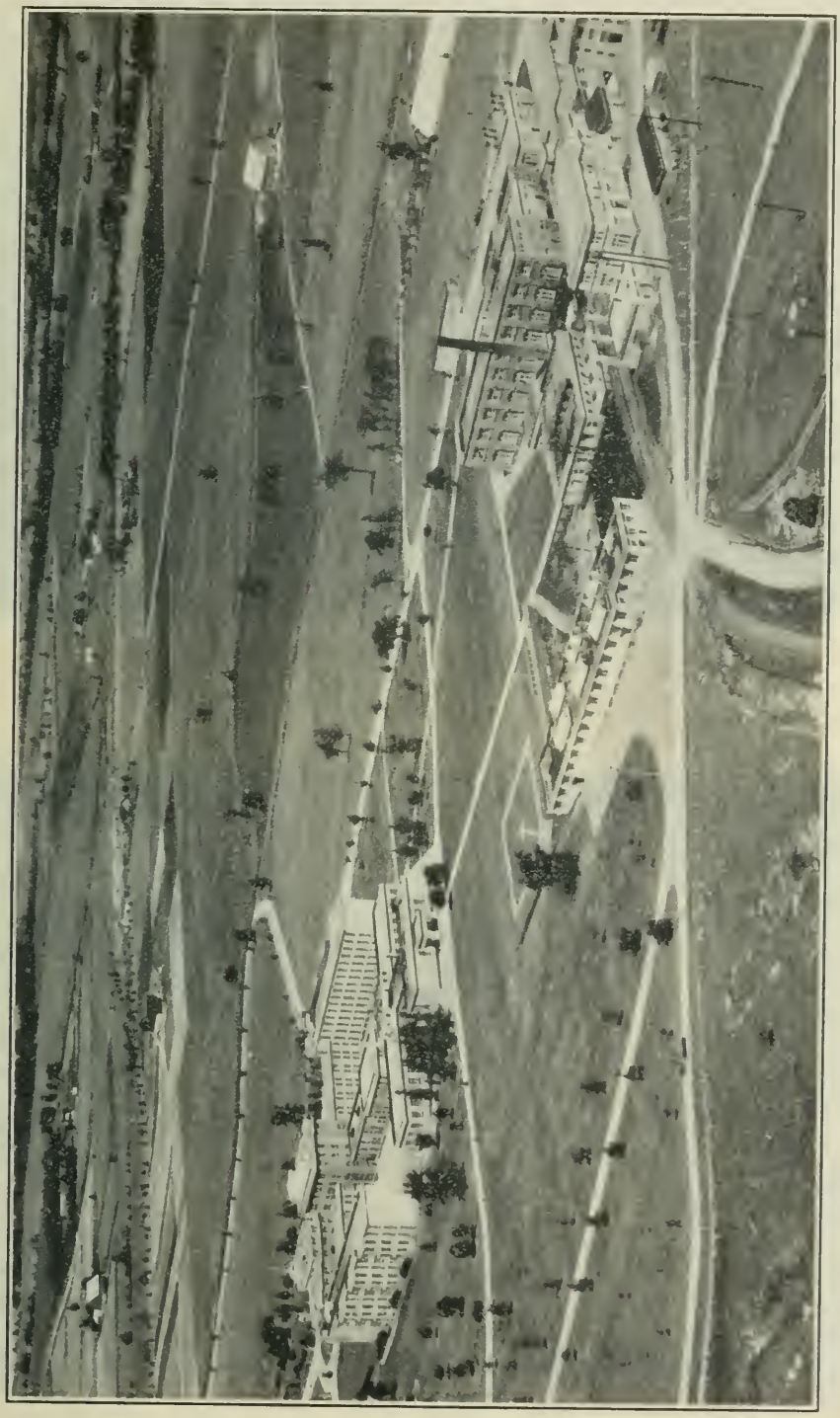
Referring to the fourth recommendation regarding officers, improvement, undoubtedly, has been made in our staffs, but further progress must continue along that line if our Institutions are to function to the highest degree. I take this opportunity of fully recognizing the loyal, faithful and efficient services rendered.

The Industrial Farm, Fort William, was established in 1911 and for many years prisoners from North Western Ontario were transferred to that Institution. At times the daily population averaged well over 100, but latterly was often as low as 45 to 50. With such a low population it was expensive to operate and accordingly for that reason and because additional accommodation was required by the Hospitals Department for mental patients it was decided to close the Institution as an Industrial Farm and transfer it with all of its equipment to Hospitals Department as an Ontario Hospital. That was done as at February 29, 1936. Some of the prisoners were transferred to our larger Reformative Institutions in other parts of the Province and the balance, consisting of short term prisoners, completed their sentences in the District Gaol, Port Arthur.

The major staff changes during the year consisted of transfer of Mr. N. S. Oliver, Superintendent of the Industrial Farm, Burwash, as Superintendent of the Ontario Reformatory, Guelph; Inspector T. M. Gourlay of our Main Office to the position of Superintendent at Burwash, and Mr. W. L. McJannet of Head Office to the position of Inspector of Prisons.

In conclusion may I pay tribute to earnest work of many religious and social service organizations and individuals in assisting prisoners to regain their self-respect and ex-prisoners to become re-established as good citizens.

C. F. Neelands,
Deputy Provincial Secretary.



Ontario Reformatory, Guelph. Middle Left, Custodial Buildings; Right Foreground, Industrial Buildings.

Ontario Reformatory, Mimico, Main Building.

Holstein Friesian Cow, Finderne Pieterje Pride. High Canadian 1936 Production, 31,271 Lbs. Owned in the Industrial Farm Herd at Burwash.

Industrial Farm, Burwash. Typical Cell Corridor.

Andrew Mercer Reformatory, Toronto. Inmates Dining Room.

TABLE No. 1

Movement of Prison Population in Ontario Reformatories and Industrial Farms. April 1st, 1935 to March 31st, 1936

	Ontario Reformatory Guelph	Ontario Reformatory Mimico	Industrial Farm Burwash	Industrial Farm Fort William	Industrial Farm Langstaff	Andrew Mercer Reformatory Toronto	Total
Remaining in custody on April 1st, 1935	684	166	446	42	152	109	1,599
Number committed during the year	888	369	822	129	1661	167	4,036
Returned from gaols, reformatories, hospitals, etc.	4	2	13	19	.....	1	39
Parole Violators	34	12	13	2	.....	1	62
Total number in custody	1,610	549	1294	192	1813	278	5,736
Discharged on expiration of sentence	373	182	484	101	1363	153	2,556
Discharged by ticket-of-leave	29	10	14	5	3	.....	61
Discharged by Parole Board	486	98	160	18	9	13	784
Discharged by payment of fines	2	.....	3	.....	35	4	44
Discharged by remission of sentence	17	1	.....	1	87	2	108
Discharged by Order-in-Council	.....	2	1	1	50	1	55
Discharged by Minister of Justice	.....	.....	6	.....	.....	.....	6
Conditional discharges on bail, etc.	.....	3	.....	.....	6	1	10
Other reasons	17	3	.....	16	.....	.....	36
Escaped and not recaptured	4	.....	.....	.....	2	.....	6
Deported	10	2	11	.....	1	2	26
Returned to gaols	8	12	2	11	9	.....	42
Transferred to penitentiaries	.....	.....	.....	.....	.....	.....	.....
Transferred to Hospital for the Mentally ill	7	5	11	.....	.....	11	34
Transferred to Other Institutions	10	77	27	39	3	.....	156
Released on Writ of Habeas Corpus	.....	.....	.....	.....	.....	.....	.....
Died while in custody	1	.....	5	.....	2	1	9
Total number discharged, died, etc.	964	395	724	192	1570	188	4,033
Number remaining in custody, March 31st, 1936	646	154	570	.....	243	90	1,703

The following tables show Social Conditions, Educational Status, Habits as to Use of Intoxicants and Drugs, Nationalities; and Criminal History in Ontario Reformatories and Industrial Farms.

	Ontario Reformatory Guelph	Ontario Reformatory Mimico	Industrial Farm Burwash	Industrial Farm Fort William	Industrial Farm Langstaff	Andrew Mercer Reformatory Toronto	Total
2. Social Conditions							
Married	128	227	287	24	578	86	1,330
Single	760	133	501	100	989	62	2,545
Widowed	.....	9	27	5	94	17	152
Divorced	.....	.....	7	.....	.....	2	9
3. Educational Status							
Illiterate	46	23	49	.....	138	21	277
Elementary	821	265	644	129	1,233	127	3,219
High School	.....	80	100	.....	270	19	469
College or University	21	1	29	.....	20	.....	71
4. Habits as to use of Intoxicants							
Abstainers	438	35	154	20	.....	93	740
Temperate	336	98	367	63	909	.....	1,773
Intemperate	114	236	301	46	752	74	1,523
5. Habits as to use of Drugs							
Abstainers	888	369	780	129	1,559	158	3,883
Addicts	.....	.....	42	.....	102	9	153
6. Nationalities							
Canadian born	763	242	637	82	1,011	113	2,848
English	39	43	41	9	162	11	305
Irish	9	14	14	2	105	5	149
Scotch	28	19	24	8	145	9	233
United States	22	13	15	2	24	12	88
Other	27	38	91	26	214	17	413
7. Criminal History							
First time	472	225	149	54	398	76	1,374
Second time	217	45	206	22	200	38	728
Third time	90	27	72	17	147	22	375
More than third time	109	72	395	36	916	31	1,559

Occupation and Ages when committed to Ontario Reformatories and Industrial Farms.

	Ontario Reformatory Guelph	Ontario Reformatory Mimico	Industrial Farm Burwash	Industrial Farm Fort William	Industrial Farm Langstaff	Andrew Mercer Reformatory Toronto	Total
8. Occupation							
Agricultural	124	32	65	36	98	.....	355
Commercial	292	41	83	25	222	12	675
Domestic	23	28	67	3	96	135	352
Labourers	244	119	294	35	548	.....	1,240
Mechanics	106	113	307	28	677	.....	1,231
Professional	14	34	2	2	3	3	58
No occupation	85	2	4	.....	17	17	125
9. Ages of Prisoners							
15–19	419	.....	31	16	33	21	520
20–24	345	5	171	28	156	38	743
25–29	83	55	168	27	154	26	513
30–34	16	67	135	16	231	19	484
35–39	6	76	100	11	185	24	402
40–44	8	53	75	7	211	13	367
45–49	3	51	54	9	209	8	334
50–54	6	31	42	6	170	11	266
55–59	2	16	23	4	141	5	191
60–64	.....	10	10	4	88	1	113
65–69	.....	3	11	1	68	1	84
70 and over	.....	2	2	.....	15	.....	19

Length of Sentences received by Prisoners committed in the Ontario Reformatories and Industrial Farms.

10. Definite							
Under 30 days	.....	.....	.....	.....	120	1	121
30 days and under 60	6	2	13	22	928	23	994
2 Months and under 3	4	5	22	12	248	12	303
3 " " " 4	21	28	79	24	246	21	419
4 " " " 5	10	8	14	.....	33	2	67
5 " " " 6	1	4	13	1	3	2	24
6 " " " 9	38	39	92	13	43	24	249
9 " " " 12	5	2	9	3	2	4	25
12 " " " 15	42	15	55	5	2	9	128
15 " " " 18	1	3	1	.....	.....	.....	5
18 " " " 21	5	6	11	2	1	.....	25
21 " " " 24	24	4	20	4	.....	3	55
Indefinite							
3 Months to 6 Months	79	37	36	2	8	8	170
3 " to 9 "	48	20	17	11	.....	1	97
3 " to 12 "	39	16	15	3	.....	6	79
3 " to 18 "	.....	16	2	3	.....	3	24
3 " to 24 "	13	6	3	.....	.....	26	48
6 " to 9 "	16	12	7	4	2	1	42
6 " to 12 "	93	41	86	7	5	8	240
6 " to 18 "	30	26	23	1	1	5	86
6 " to 24 "	12	2	6	.....	1	3	24
9 " to 12 "	1	7	5	.....	1	.....	14
9 " to 18 "	2	1	5	.....	.....	.....	8
9 " to 24 "	.....	6	.....	1	.....	.....	7
12 " to 18 "	38	12	23	2	1	.....	76
12 " to 24 "	55	20	52	1	1	4	133
18 " to 24 "	10	9	8	2	.....	.....	29
24 " to 36 "	32	11	15	2	.....	.....	60
24 " to 48 "	19	5	19	.....	.....	1	44
Miscellaneous	1	.....	170	.....	.....	.....	171

	Ontario Reformatory Guelph	Ontario Reformatory Mimico	Industrial Farm Burwash	Industrial Farm Fort William	Industrial Farm Langstaff	Andrew Mercer Reformatory Toronto	Total
11. Escapes							
Escaped and evaded capture.	4	.....	.....	.....	.....	.....	4
Escaped and were recaptured ..	22	.....	.....	3	4	.....	29
12. Employment of Prisoners in the Institution during the Year (Per Centage)							
Clerical	1.28	1.54	4.87	.....	.50	.....	.....
General Maintenance	28.55	27.69	38.09	35	27.50	58	.....
Sick	8.12	.77	3.30	3	2.00	5	.....
Bush Operations	.....	.....	18.22	40	.....	.....	.....
Industrial	34.86	46.15	12.58	.....	10	35	.....
Farm and Garden	13.77	23.85	20.77	22	50	2	.....
Land and Road Improvement ..	13.42	.....	2.17	.....	10	.....	.....
Total							
13. Number of Officers and Employees on March 31st							
Superintendent	1	1	1	1	1	1	6
Physicians	2	1	3	1	1	1	9
Dentists	1	1	.....	.....	.....	1	3
Teachers	1	.....	2	.....	.....	1	4
Bursars or Stewards	.....	.....	1	.....	1	1	3
Storekeepers	1	.....	1	.....	1	.....	3
Store Assistants	1	.....	.....	.....	.....	1	2
Clerks, Stenographers, etc.	9	1	3	.....	1	2	16
Sergeants (Day)	2	1	1	1	1	.....	6
Sergeants (Night)	1	1	1	.....	1	.....	4
Chief Attendants (Day)	.....	.....	1	.....	.....	.....	1
Chief Attendants (Night)	.....	.....	2	.....	.....	.....	2
Attendants (Day)	.....	.....	2	.....	.....	14	16
Attendants (Night)	.....	.....	.....	.....	.....	3	3
Guards (Day)	53	19	58	5	20	.....	155
Guards (Night)	16	5	16	2	5	.....	44
Matrons	.....	.....	.....	.....	.....	1	1
Kitchen and Dining Room Help.	1	.....	.....	.....	.....	.....	1
Laundry Help	.....	.....	.....	.....	.....	.....	.....
Other Domestic Help	.....	.....	.....	.....	.....	.....	.....
Farmers, Gardeners and Assistants	2	.....	1	.....	1	1	5
Engineers and other Mechanical Help	8	4	7	.....	1	5	25
All other Employees	7	1	2	.....	.....	1	11
Total	106	35	102	10	34	33	320

TABLE No. 14

Offences for which prisoners were committed during the year to Ontario Reformatories and Industrial Farms.

	Ontario Reformatory Guelph	Ontario Reformatory Mimico	Industrial Farm Burwash	Industrial Farm Fort William	Industrial Farm Langstaff	Andrew Mercer Reformatory Toronto	Total
A. Crimes Against the Person							
Abduction	.....	.....	.....	.....	.....	.....	.....
Abortion	1	2	1	.....	.....	4	8
Assault Common	3	3	1	5	18	.....	30
Assault Felonious	19	12	40	1	21	3	96
Attempted Suicide	2	1	1	.....	.....	.....	4
Cutting and Wounding and attempting same	.....	3	7	.....	2	1	13
Shooting with intent	1	.....	.....	.....	.....	.....	1
Stabbing	.....	.....	.....	.....	.....	.....	.....
Manslaughter	1	2	2	.....	1	1	7
Carnal Knowledge	18	5	8	2	.....	.....	33
Incest	3	2	3	.....	.....	1	9
Rape and Assault with intent	.....	.....	.....	.....	.....	.....	.....
Total	48	30	63	8	42	10	201
B. Crimes Against Public Order and Peace							
Breach of Liquor Control Act	5	18	27	14	211	37	312
Breach of Excise Act	1	1	20	.....	11	1	34
Breach of Narcotic or Drug Act	.....	.....	7	.....	.....	4	11
Breach of By-laws (Not B.L.C.A.)	.....	.....	.....	17	1	.....	18
Carrying Unlawful Weapons	1	1	4	1	6	.....	13
Cruelty to Animals	.....	.....	.....	.....	.....	.....	.....
Drunk and Disorderly (Not B.L.C.A.)	.....	4	6	12	540	.....	562
Escaping from Constable	.....	2	.....	.....	.....	.....	2
Escaping from Prison	3	.....	8	.....	.....	1	12
Gambling	.....	.....	.....	.....	24	.....	24
Lunatics and persons unsafe	.....	.....	.....	.....	.....	.....	.....
Obstructing an Officer	2	13	3	.....	3	.....	21
Unlawful shooting	.....	.....	.....	.....	.....	.....	.....
Vagrancy	21	14	77	9	215	42	408
Total	33	53	152	53	1,041	85	1,417

TABLE No. 14—(Continued)

Offences for which prisoners were committed during the year to Ontario Reformatories and Industrial Farms.

	Ontario Reformatory Guelph	Ontario Reformatory Mimico	Industrial Farm Burwash	Industrial Farm Fort William	Industrial Farm Langstaff	Andrew Mercer Reformatory Toronto	Total
C. Crimes Against Public Morals and Decency							
Bigamy	1	4	4	.....	1	2	12
Indecent Assault	11	8	14	3	9	.....	45
Indecent Exposure or other Indecent Act	5	12	9	1	9	.....	36
Inmates and Frequenters of Houses of Ill-fame	.....	1	1	1	6	.....	9
Keeping Houses of Ill-fame	.....	.....	2	.....	12	19	33
Juvenile Delinquency	5	4	10	.....	8	4	31
Perjury	1	2	3	.....	.....	1	7
Prostitution	3	.....	1	.....	.....	6	10
Seduction	4	.....	2	.....	.....	.....	6
Buggery	1	1	1	.....	.....	.....	3
Total	31	32	47	5	45	32	192
D. Crimes Against Property							
Arson and Incendiarism	.....	2	8	.....	.....	.....	10
Burglary	6	.....	149	.....	2	.....	157
Housebreaking	340	40	4	13	18	.....	415
Robbery	27	6	16	7	2	.....	58
Forgery	18	11	23	.....	11	3	66
Fraud	3	.....	5	1	.....	1	10
False Pretences	20	35	59	5	72	7	198
Theft of Cars	13	.....	33	7	4	.....	57
Taking without owners consent	10	.....	1	.....	8	.....	19
Larceny	269	90	170	19	306	15	869
Receiving Stolen Goods	32	19	25	11	31	.....	118
Trespass	.....	.....	17	.....	1	.....	18
Total	738	203	510	63	455	26	1,995
E. Other Offences not Enumerated	38	51	50	.....	78	14	231
GRAND TOTAL— Totals of A., B., C., D. and E.	888	369	822	129	1,661	167	4,036

THE ONTARIO REFORMATORIES AND INDUSTRIAL FARMS

THE DEPARTMENT OF PROVINCIAL SECRETARY, REFORMATORIES AND PRISONS BRANCH

Average maintenance cost per day per inmate for the twelve months from April 1, 1935 to March 31, 1936.

	Ontario Reformatory Guelph		Ontario Reformatory Mimico		Mercer Reformatory		Industrial Farm Burwash		Industrial Farm Fort William	
	1935	1936	1935	1936	1935	1936	1935	1936	1935	1936
Days' Residence of Inmates	219,519	208,062	57,147	47,401	50,231	38,419	171,024	168,577	19,635	13,443
Average No. of Inmates	601.42	568.47	156.57	129.51	137.6	104.9	467.7	461.	57.79	40.13
EXPENDITURE										
Medicines	.0307	.0320	.0333	.0282	.0083	.0074	.0609	.0522	.0438	.0338
Provisions	.2883	.2869	.2355	.2397	.2032	.2224	.4312	.3962	.2438	.2566
Fuel, Light and Water	.1353	.1396	.1136	.0518	.1964	.2173	.0328	.0272	.0902	.1783
Clothing	.0958	.0779	.0916	.0651	.0170	.0156	.1067	.1078	.0965	.1294
Laundry and Cleaning	.0195	.0214	.0772	.0755	.0591	.0557	.0426	.0362	.0247	.0287
Furniture and Furnishings	.0273	.0294	.0213	.0214	.0176	.0311	.0179	.0352	.0061	.0190
Office Expenses	.0135	.0149	.0151	.0182	.0092	.0124	.0067	.0083	.0147	.0272
Farm, Feed and Fodder Expense	.0878	.0837	.1172	.0928	.0093	.0186	.1091	.0728	.1451	.2030
Contingencies	.0582	.0503	.0590	.0748	.0389	.0535	.0708	.0626	.1261	.1643
Salaries	.6222	.6322	.8525	1.0243	.8044	1.0048	.7329	.7386	.8318	.0765
Repairs to Buildings	.0799	.0961	.1908	.1530	.1541	.1663	.1211	.0966	.0767	.1786
Industrial Operations	2.1137	2.0108	.6819	.5050	2.3772	1.4465	.....	.....	.....	.....
Total Gross Per Capita	$3.5722	$3.4752	$2.4890	$2.3498	$3.8947	$3.2516	$1.7327	$1.6337	$1.6725	$2.1954
REVENUE										
Maintenance of Insane	.0027	.0020	.....	.....	.....	.....	.....	.....	.....	.....
Custodial Revenue	.1351	.1193	.1604	.2399	.2130	.1960	.1729	.1318	.0835	.1108
Perquisites	.0401	.0416	.0496	.0499	.1504	.1889	.1988	.1956	.1853	.1764
Industrial Revenue	2.4946	2.3172	.5708	.2796	2.5469	2.4659	.....	.....	.....	.....
	2.6725	2.4801	.7808	.5694	2.9103	2.8508	.3717	.3274	.2688	.2872
Net Per Capita Cost	$ .8997	$ .9951	$1.7082	$1.7804	$ .9844	$ .4008	$1.3610	$1.3063	$1.4037	$1.9082

	Total Gross Expenditure		Total Revenue		Total No. of Days' Stay	
	1935 March 31	1936 March 31	1935 March 31	1936 March 31	1935 March 31	1936 March 31
Ontario Reformatory, Guelph	784,160.33	723,058.38	586,667.71	516,015.58	219,519	208,062
Ontario Reformatory, Mimico	142,236.88	111,384.97	44,620.43	26,989.24	57,147	47,401
Mercer Reformatory	195,633.61	124,924.10	146,186.43	109,524.11	50,231	38,419
Industrial Farm, Burwash	296,330.62	275,399.22	63,562.75	55,194.29	171,024	168,577
Industrial Farm, Fort William	32,840.08	29,512.17	5,279.53	3,860.90	19,635	13,443
	1,451,201.52	1,264,278.84	$846,316.85	$711,584.12	517,556	475,902
Less Revenue	846,316.85	711,584.12				
	$604,884.67	$552,694.72				

Average Per Capita Cost per Diem, 1934-35..$1.1687
Average Per Capita Cost per Diem, 1935-36..$1.1613

COMPARATIVE EXPENDITURE AND REVENUE FOR THE TWELVE MONTHS ENDING MARCH 31st, 1935 AND MARCH 31st, 1936

	EXPENDITURE				REVENUE			
	March 1935	March 1936	Increase	Decrease	March 1935	March 1936	Increase	Decrease
Ontario Reformatory, Guelph—								
General Maintenance	$166,070.40	$153,142.31	.....	$12,928.09	$39,061.62	33,913.45	.....	$ 5,148.17
Repairs to Buildings...	17,545.75	19,999.72	$ 2,453.97	.....	.....	.....	.....	.....
Salaries	136,546.72	131,534.02	.....	5,012.70	.....	.....	.....	.....
Industries	463,997.46	418,382.33	.....	45,615.13	547,606.09	482,102.13	.....	65,503.96
Ontario Reformatory, Mimico—								
General Maintenance ..	43,647.08	31,639.26	.....	12,007.82	12,001.92	13,736.26	1,734.34	.....
Repairs to Buildings...	10,901.66	7,253.13	.....	3,648.53	.....	.....	.....	.....
Salaries	48,720.51	48,554.13	.....	166.38	.....	.....	.....	.....
Industries.....	38,967.63	23,938.45	.....	15,029.18	32,618.51	13,252.98	.....	19,365.53
Mercer Reformatory, Toronto—								
General Maintenance ..	28,080.22	24,357.51	.....	3,722.71	18,250.86	14,787.68	.....	3,463.18
Repairs to Buildings...	7,742.59	6,390.00	.....	1,352.59	.....	.....	.....	.....
Salaries.....	40,403.43	38,601.84	.....	1,801.59	.....	.....	.....	.....
Industries.....	119,407.37	55,574.75	.....	63,832.62	127,935.57	94,736.43	.....	33,199.14
Industrial Farm, Burwash—								
General Maintenance	150,286.65	134,594.21	.....	15,692.44	63,562.75	55,194.29	.....	8,368.46
Repairs to Buildings...	20,710 51	16,286.40	.....	4,424.11	.....	.....	.....	.....
Salaries.	125,333.46	124,518.61	.....	814.85	.....	.....	.....	.....
Industrial Farm, Fort William—								
General Maintenance ..	15,003.15	13,984 31	.....	3,204.66	5,279.53	3,860.90	.....	1,418.63
Repairs to Buildings...	1,505.69	2,401.28	.....	1,018.84	.....	.....	.....	.....
Salaries	16,331.24	13,126.58	895.59	.....	.....	.....	.....	.....
TOTALS	1,451,201.52	1,264,278.84	$ 3,349.56	$190,272.24	$846,316 85	$711,584.12	$ 1,734.34	$136,467.07

P.N. It should be noted that the Industrial Farm at Fort William was closed as an Indusrial Farm February 29, 1936, consequently the figures for 1936 period for that Institution represents Eleven Months only.

Reformatories

THE ONTARIO REFORMATORY, MIMICO.
April 14, 1936.

DEAR SIR:—

I herewith submit the Annual Report for the year ending March 31st, 1936.

Grounds and Plant. The Institution is located on a 145 acre farm at the corner of Kipling Avenue and Horner Avenue, New Toronto, a half mile north of the Lakeshore Highway. The portion of the farm fronting on Horner Avenue contains the shale pit, the Institution and the Industrial Plant. The acreage is alotted as follows: 40 acres to Hay, 30 acres to Oats, 55 acres to Roots and Vegetables, 10 acres to Farm Buildings including pasture and Orchard and 10 acres to Institution, Factory, Shale Pit, Kilns, etc.

Industrial Plant. Contigious to the Institution and providing employment for the majority of the inmates are the following Industrial Units:—

5 Brick Kilns.
15 Drying Tunnels.
2 Tile Kilns.
1 Mill housing 3 tile presses, 1 brick machine and tile machines.
1 Machine Shop housing 2 metal lathes, 1 shaper, 1 blacksmith's forge, 1 electric drill, 1 grinding machine and 1 small power hack saw.

Heating System. During the latter part of the winter the steam heating system was changed from a high pressure system (90 lbs.) to a low pressure (15 lbs.) system. During the brief time this system has been in operation we have found it entirely satisfactory and believe it will be more so in future as well as being more economical to operate than the high pressure system.

Farm Buildings. The Farm buildings consist of:—1 large frame barn, 50 x 100 feet with concrete stabling beneath; 2 large silos; 2 hog pens, 30 x 100 feet and 30 x 50 feet respectively; 1 root cellar 30 x 60 feet and 1 henhouse 14 x 50 feet.

Farm Stock. The farm stock consists of:—8 horses, 28 Registered and approved Holstein-Friesian cows, 1 Holstein-Friesian bull, 160 hens and 100 Yorkshire hogs.

Farm Implements. With the exception of an electric motor destroyed by the burning of the barn last year, we have a complete set of farm implements.

Staff. The Institution is administered by the Department of the Provincial Secretary through a local staff consisting of a Superintendent, 26 Uniformed Officers, 1 Doctor, 1 Male Nurse and 6 Miscellaneous Officers—Total staff 35.

Inmates. During the past year 383 prisoners were admitted to serve sentences of various lengths. The longest sentence was two years less one day determinate and two years less one day indeterminate. The shortest sentence was two months. Six were sentenced to corporal punishment, two of whom were

found on medical examination to be unfit to receive such punishment and therefor did not receive it.

The inmates are housed in one large dormitory with 128 beds and two smaller dormitories of 64 beds respectively. There are, in addition 2 solitary confinement cells for persistent disturbers and intractable inmates, also a hospital ward containing 8 beds.

Thanks to the Department's new regulation allotting us first offenders of twenty-six years of age and over, we are now receiving a much better type of inmate.

Discipline. Twenty day-officers and 6 night-officers supervise the work groups, the recreation rooms, the dormitories and the male nurse dispensary, hospital ward, etc. The elimination of the restless 'teen age group and the cantankerous old timers has resulted in a marked change in the atmosphere of the institution and has rendered the work of maintaining discipline much more pleasant.

Health. The substantial well-cooked meals prepared by experienced chefs maintained our robust class of inmates in excellent health. The vigilant and efficient services of Dr. Heaslip, and Mr. Deacon, male nurse, in segregating and treating cases susceptive of creating epidemic, kept our hospital record to a total of 175 days hospitalization for 33 patients. When it is kept in mind that some required hospitalization on admission, our health record reflects great credit on the medical and culinary departments.

Industries. The institution aims to contribute to the physical and mental well being of the inmates by providing them with healthful, productive employment suited to their capabilities and experience. The work ranges from stenographers, bookkeepers, librarians, infirmarians, tailors, assistant chefs, truck drivers, mechanics, lathe operators, pressmen, firemen, caretakers, pit workers, teamsters, dairy workers, horsemen, poultry men, and general workers.

Production—Industrial. Due to light demand from the general trade for floor and wall tile and the heavier decline from Government Institutions for brick, our industrial plant could not run at capacity. Our records show that an average of about 70 men in 305 working days produced 520,000 brick, 92,000 square feet floor and wall tile, 23,000 floor and wall tile fittings, 17,000 agricultural tile and 42,000 pieces roofing tile. The value of sales for the fiscal year was about $12,500.00.

Production—Farm. 31 farm labourers in 305 working days planted, cultivated and harvested 40 acres of hay—70 tons, 30 acres grain—1,615 bushels, 9 acres roots—182 tons, 24 acres potatoes—4,912 bushels, 3 acres orchard, 5 acres garden and 14 acres corn for ensilage—138 tons.

To farm stock must be credited the following:—

28 dairy cows produced ..... 380,042 lbs. milk.
160 hens laid ..... 1,891⅓ dozen eggs.
20 hogs produced ..... 2,835 pounds of live weight sold to the abattoir at Guelph.
22 calves were sold to local farmers for vealing.

Our principal revenues, at Institution values, which are lower than market values of our gross production and the net receipts after supplying the needs of the Institution are as follows: —

		Gross	Net
Brick	153,300	.....	2,150.00
Tile, all kinds	.....	.....	10,350.00
Hay	70 tons	700.00	
Ensilage	138 tons	690.00	
Roots	182 tons	980.00	
Grain	1,615 bushels	638.00	
Potatoes	4,912 bushels	1,964.80	1,547.11
Milk	380,042 pounds	6,840.75	5,860.29
Eggs	1,891¼ dozen	472.83	
Pork	2,835 pounds	396.90	
Livestock	139 head	2,189.90	2,189.90

Education. Convinced that a great number of the inmates were here through unemployment conditions and their chances of suitable and steady employment upon release depends upon their superior ability in business and industrial work, the Catholic Chaplain, Father McGrath, volunteered his services in organizing an educational program for the men. Through the co-operation of Mr. W. G. Frisby, M.A., a group of outstanding business men were secured as lecturers and courses in Elementary English (reading and writing for the foreign born), English Literature, Public Speaking and Debating, Commercial Law, Bookkeeping and Mechanics have been established. Agriculture will be added as soon as ground conditions permit.

The opening lecture by the blind athlete and ex-service man, J. Miller, completely routed the defeatist complex of inmates who had hitherto been deprived of educational advantages. His eloquent address on the achievements of Ann Sullivan, Helen P. Keller, and his modest account of the achievements of his own sightless days elicited, in addition to a very hearty vote of thanks this encouraging comment from one of the inmates: "If Mr. Miller could overcome his very real handicap of blindness, there is no reason why we can't correct our mistakes."

The other lecturers and their subjects which were received with equal enthusiasm are as follows:—

Mr. D. T. Thomas (Mining Engineer), "Mexico".

Mr. W. G. Frisby (Teacher), "Advantages of Education".

Mr. L. Perron (Abitibi Power Co.), "Transportation".

Mr. Norman McPhee (Toronto Type Foundry), "Modern Trends in Economics".

Mr. W. G. Frisby (Second Lecture), "Modern English Literature".

Mr. F. Jeffrey (Crouse Hinds Co.), "Advances in Electricity".

Mr. F. L. Kerr (Chartered Accountant), "Social Credit".

Mr. C. F. Publow (Ontario Hydro and Pres. of Electric Club), "Power Transportation".

Mr. F. Collins (C.P.R. Industrial agent), "Industrial Development of Canada".

Mr. H. Somerville (Journalist), "Russia".

Mr. H. Westergaard (Educationalist), "Education in Denmark".

The Institution takes this opportunity of seconding the vote of thanks tendered by Father McGrath and the men to these lectures for their most interesting and

instructive addresses, and to assure them that the weekly lecture is now regarded as the high light of our community life. The Institution also wishes to thank the Lakeshore Rotary Club which responded to Father McGarth's appeal for educational equipment by very generously donating a blackboard, chalk, brushes, pointer, ruler and a ten volume set of Shaw's Business Course.

We also join Father McGrath and the men in thanking Mr. M. J. Loughlin and his confreres of the International Harvester Co. of Canada for loaning a demonstration motor truck for the technical training classes.

Religion. Major Smith (Salvation Army), Rev. Mr. Marsh (United Church), Mr. Hayhoe (Plymouth Brethren) and Father McGrath look after the Spiritual welfare of the inmates. Their zealous and effective work merits our deep appreciation.

Recommendations. We shoud be much pleased if the Department would give favourable consideration to the following items:—

(1) Ventilating Fans for the dormitories.

(2) Boxes for the inmates shaving materials, etc.

(3) Subscriptions for educational magazines; such as Popular Mechanics, Canadian Geographical Magazine, National Geographic Magazine, Current History, Readers' Digest, etc.

(4) Arranging with the Department of Education for the establishing of a branch library.

(5) Improving the lighting in the day room, so that work on the blackboard may be seen.

(6) Raising the walls over the drying kilns so as to provide a workshop for the wood and metal classes.

(7) Providing a wood lathe, some vises, a few sets of tools for wood and metal work.

(8) Replacing the dormitory system with the separate cell system so that inmates may pursue their reading or school work unmolested.

(9) Allotting a small grant for the purchase of text books and working materials for the school classes.

(10) Appointing a full time teacher qualified to teach the technical classes.

(11) Establishing a system of Probation officer or Big Brothers who would take a sympathetic interest in the men after release.

(12) Encouragement of visitors of the proper type would stimulate the inmates in forming proper habits of mind and conduct.

The following data might be a fitting reason for recommending the formation of a probation or follow up work among prisoners throughout Ontario:—

(a) A recent investigation, conducted in the Probation Bureau in the New York Court of General Sessions into the lives of 3,053 people who have been convicted of crime by this Court, revealed that 2,082, or 68.2 per cent. of these prisoners either did not attend any Church or only attended infrequently.

(b) Sheldon Gluick, of the Harvard Law School, examined the records of 500 youths who had been sentenced to the Massachusetts Reformatory. He was able to gather information as to the church attendance of 460 of them and learned that 421, or 91.5 per cent. of these youths either did not attend church at all or attend infrequently.

(c) A similar investigation into the records of 500 women who had been confined to the Massachusetts Reformatory for Women reveals as follows: Information lacking in 86 cases, regular attendance within one year of conviction 56, or 13.5 per cent.; irregular or no church attendance 358, or 86.5 per cent.

Assuming that conditions in Canada are somewhat similar to those in the United States, would it not seem that an efficient probation system which would secure the efficient and sympathetic cooperation of the Churches would render a valuable service to the Province of Ontario?

In conclusion, I wish to thank the various officers of the Department for valuable counsel and assistance and officers and staff of this Institution for the loyal support I have received during the year.

I have the honour to be, Sir,

Your obedient servant,

Sgd. J. R. Elliott,
Superintendent.

C. F. Neelands, Esquire,

Deputy Provincial Secretary.

INDUSTRIAL FARM, BURWASH.

ANNUAL REPORT FOR THE FISCAL YEAR ENDING MARCH 31ST, 1936.

DEAR SIR:

In submitting to you this report, I wish to draw to your attention the fact that I was Superintendent here for the last four months of the specified period, having been appointed December 1st, 1935.

During the first eight months, the management of this Institution was directed by the late Norman S. Oliver who was Superintendent for a number of years, and who was appointed on December 1st, 1935, to the post of Superintendent at the Ontario Reformatory, Guelph.

As a former official of the Department, I knew Mr. Oliver intimately and was familiar with the many improvements carried out by him in Burwash. His death late in 1936 was a great loss to his many friends and to the Service. I might just say here in reference to the eight months mentioned above, that it was a decided advantage to follow such an efficient official as Mr. Oliver.

In October, 1935, the Cell Block and Reception sections of the new modern buildings were completed and occupied, making it possible to discard a large portion of the wood structure in use for many years at the Main Camp. This building of fireproof construction, has 168 single cells, equipped with bed, table, chair, toilet and running hot and cold water, and is among the most modern in Canada. It is indeed a credit to the men who designed and built it. Preparations were also made to carry on the Hospital and Dormitory wing of the same building.

The plan mentioned by Mr. Oliver in the report of last year, to improve the water supply at the Main Camp was also carried out. A modern system including filteration was established at the bank of the Wahnapitae River, and has greatly improved our water supply.

In our bush work, we concentrated on the production of fuel and curtailed our lumbering activities to some extent and in spite of the severe steady winter, the results were very satisfactory. This work was carried on, under the able direction of the late Mr. H. Crowder who was unfortunately lost to us by his death later in the year.

Our Farm, directed by Mr. H. G. Boag, had a very successful season. Crops, particularly potatoes, were good and both the dairy herd and range cattle were in excellent condition. Hogs and sheep were also a profitable asset. Horses are used extensively in our lumbering, farming and general work, but no breeding is carried on here.

In the early part of the year, Dr. Wilson, Assistant Medical Officer was transferred to the Department of Health and replaced by Dr. Hills. Later in the year, Dr. Malowney, Chief Medical Officer, resigned and Dr. Hills was promoted to this post, being replaced in the junior position by Dr. D. S. Pugh. Nurse Singleton, who also resigned at this time, was replaced by Miss Edna Bunting. The interest shown by this Staff is largely responsible for the splendid health of our inmates and staff.

Several added responsibilities were taken by our Engineering and Mechanical

Staff, including the new water works and the new building, and much credit is due Chief Engineer Sowden, his assistant engineers, as well as all heads of our various trades.

In our Accounting and Purchasing Department, the work of Mr. W. W. Cunningham and the Staff under his control, leaves little or nothing to be desired. The same may be said of our Records, Postal and Clothing branches.

The discipline of the Institution has been very gratifying and the work carried on by the various groups of men has been good. Sergeant W. F. Kavanagh, our Chief Custodial Officer, is to be commended for his able direction of this work. During the year, we had a noticeable increase in our population which of course, increased our custodial responsibility.

Divine services have been carried on by Major and Mrs. Laing of the Salvation Army, Rev. Mr. Bruce of Coppercliff, Rev. Fathers Lacey and Perreault, also by members of the Gideons and other groups. I wish to thank all concerned for the interest taken in the Spiritual welfare of our inmates.

I wish at this time to pay tribute to the late Mr. Oliver for the very efficient Staff which he built up in Burwash and I also wish to thank Sergeant Kavanagh, Senior Officers in charge of every Branch, and all the officials under my control, for the very loyal support they have extended to me in my work and every day life in this community. The death of Mr. Crowder and also Mr. Cheney, left a severe gap in this splendid organization, and we lost in them, two excellent officers as well as two real friends.

In conclusion, permit me, Sir, to express my sincere appreciation to the Hon. Mr. Nixon for his friendly visits and valuable advice and support, also to you and the members of the Department, who have made it easier for me to carry on this important work.

(Signed) Thomas M. Gourlay,

Superintendent.

C. F. Neelands,

Deputy Provincial Secretary,

Toronto.

TORONTO MUNICIPAL FARM

LANGSTAFF, ONT.,

JUNE 23, 1936.

SIR:—

It is my privilege to forward herewith the Annual Report for the year ending March 31, 1936.

By way of comparison the report for the year ending Oct. 31, 1934, has been taken, showing an increase in population for the period under review of 240. Those addicted to the use of drugs increased from 75 in 1934 to 102 during the past year. This is most regrettable and while a number of these men were admitted more than once it is quite evident that the use of codeine, luminol and phenobarbetol is on the increase and that the effects of these habit-forming drugs are as demoralizing as morphine and cocaine. At one period of the past winter 44 of the population were drug addicts, a number of whom were young men who had become addicted during the past two years; others were men who had been addicted for many years to the use of morphine or cocaine but who are now ready to satisfy their cravings with drugs more easily obtainable.

The increase is perhaps due to two main causes. Firstly, but not necessarily the most important in this case unemployment, which creates monotony, loitering and a desire for some excitement, continues. There are good reasons to believe that many drug addicts have taken their first dose for excitement and under the persuasion of one already addicted. To succeed in adding to the ranks seems to provide the confirmed user with much gratification and he has been known to go to great pains to achieve this end. Secondly, there is the continued ease with which these habit-forming drugs may be purchased. This condition is greatly responsible for the more recent additions.

As one of the most dominant traits of a drug addict is to induce others to become habitual users it is reasonable to anticipate a continued increase unless steps are taken to prohibit the sale of codeine, luminol and phenobarbetol except in the same manner as morphine and cocaine is governed. It would also assist likely victims if it were made a punishable offence for any person proven to be addicted to the use of the aforementioned drugs. The law provides a sentence of imprisonment for persons found guilty of drunkenness and it now appears even more necessary to provide laws to protect society against the inroads of drug addicted. Under such authority the convicting magistrate would be empowered to impose incarceration of such duration as would enable the inmate to be physically and mentally strengthened so that his power of determination may be re-established.

Not one of the 102 inmates referred to were charged under the Narcotic or Drug Act. All were sentenced to comparatively short periods and released before the slightest benefit could be derived. Such sentences result only in whetting the appetite and serve little or no useful purpose as far as the addict is concerned.

Experience in dealing with drug addicts of both sexes over a period of seventeen years has proven beyond all doubt that these individuals should be separated entirely from other inmates. Their influence is generally bad and they despise law and order in even the mildest form. They spend much time and energy in endeavouring to cause disaffection throughout the population of an

institution and their presence may always be felt in ratio to their numerical strength. They are often in such physical conditions as to evade punishment for misconduct and realizing this they are not slow to take every advantage.

Placed in an institution devoted entirely to the custody and rehabilitation of drug addicts these men could be given more careful study and dealt with in a much more satisfactory manner than under existing conditions. The Concord Institution, which was closed in April, 1935, would be suitable for this purpose and little or no expenditure would be necessary to make ready for operation. Indoor work could be provided and additional protection from outside interference could be established.

Discipline throughout the year has been good although for a short period during the winter there was a decided effort on the part of a few inmates to cause others to be dissatisfied. These men, as is usual, kept in the background and for a time it was difficult to find those responsible. Shortly, however, this was determined and the unrest was short lived.

The co-operation of the Staff throughout the year has been very marked and many have displayed a very keen sense of duty. Their work has been most commendable during a very trying year.

During the past year general farm development has been continued together with grading, bush work, truck gardening, landscaping and forestry work. Field crops were good with the exception of potatoes which were very light but sufficient for our own requirements. The Dairy continues to supply pasteurized milk to the Toronto Gaol and the Detention Home and arrangements are now being made to ship seven cans daily to the Ontario Hospital on Queen Street.

The new greenhouses proved their worth by providing sufficient plants for our gardens and flowerbeds in addition to which bedding plants were supplied to a number of city buildings. The tailor shop now manufactures all outer garments and socks for the Toronto Gaol as well as for this Institution.

The sudden passing of the late Commissioner Chisholm was deeply felt and later in the year all members of the Staff were grieved by the equally sudden death of the Steward, Mr. Toy. This last named official had been in close touch with members of the staff for many years. His hearty co-operation and genial manner will be greatly missed by us all.

Our grateful thanks are extended to all those who participated in religious services throughout the year also to those who provided entertainment for the inmates.

The co-operation of yourself and the officers of your Department also of the Property Commissioner and members of his staff has been very much appreciated.

I have the honour to be,

Sir,

Your obedient servant,

(Sgd.) G. Hedley Basher,

Superintendent.

C. F. Neelands,

Deputy Provincial Secretary,

Toronto.

ANDREW MERCER REFORMATORY

1155 King Street West,
Toronto. April 14, 1936.

C. F. Neelands, Esq.,
Deputy Provincial Secretary,
Parliament Buildings,
Toronto.

Dear Sir:

I have the honour to present to you the annual report of the Andrew Mercer Reformatory for the year ending March 31, 1936.

During the past year the general health of the inmates was good; one inmate died in the Toronto General Hospital where she was being treated for a toxic condition. Treatment of social diseases is an important part of the medical work and is given once a week. Eleven inmates were transferred to mental hospitals. Of the ten babies born, one was still-born. The dentist visits once a week, and on her admission each inmate is given a complete oral examination by him and thereafter throughout the year regular routine examinations are made, when treatments, extractions and fillings are attended to.

With few exceptions the behaviour of the inmates was good and the one attempt to escape was frustrated.

In addition to regular housework and cooking, the factory work provided good training for the inmates and consisted of 74,479 pieces, made up as follows:

Flat-work:—Towels, quilts, sheets and pillowslips.

Clothing:—Dresses, nightgowns, dressing-gowns, shirts, aprons, etc.

The total number of pieces laundered, including starched and flat-work, was 449,784.

During the winter months concerts and entertainments were given from time to time by various organizations, and were greatly enjoyed as were also the soft-ball games in the summer months.

The religious side of our life was well looked after. Roman Catholic services were conducted each Sunday morning by the Reverend Father Sharp, and religious instruction was given on Saturday and Sunday afternoons. Protestant services were conducted by the Reverend P. R. Soanes, the Salvation Army, the Ministerial Association and by Mrs. Watt and her Sunday School teachers.

I feel that this report should not be brought to a close without expression of our deepest regret at the loss sustained by the death of Mrs. Scott, Superintendent. She was a most valued member of this institution for twenty-seven years.

I wish to express my appreciation of the cordial support and co-operation of the staff in the management of this institution during the past year, and may I, Sir, thank you and your Department for the very kind help and encouragement given.

I have the honour to be, Sir,
Your obedient servant,

(Signed) Jean Milne,
Superintendent.

Board of Parole

THE ANNUAL REPORT OF THE ONTARIO BOARD OF PAROLE.

For the Year Ending March 31st, 1936.

The Ontario Parole System has, through its efforts during the year just ended, proved an effective instrument of rehabilitation. Through the close supervision of men and women under this System, particularly toward home and family obligations, a decided improvement has been evidenced. Closer co-operation with both municipal and provincial police, assisted materially by the public, owing to a more sympathetic understanding of the system, a finer spirit of human relationship now exists. The Board, we believe, through its officers has now created a better understanding with the men and women under its supervision.

Under Chapter 362, Revised Statutes of Ontario, the Board of Parole has power to deal with persons who have been sentenced for offences under the Provincial Statutes. Under Section 43 of the Prisons and Reformatories Act, Revised Statutes of Canada, Chapter 163, the Lieutenant-Governor of the Province of Ontario has power to appoint a Board of Parole for the said Province, whose duty it is to inquire from time to time into cases of persons sentenced to the Ontario Reformatory, the Andrew Mercer Reformatory, or any Industrial Farm; and where, as a result of such inquiry the Board thinks proper, it may permit prisoners serving indeterminate sentences to be paroled under conditions approved by the Minister of Justice.

Upon the admission of such a prisoner to one of these Institutions, the Superintendent sends all the information available regarding the prisoner and his case to the official who is the Secretary and Chief Officer of the Parole Board. This information includes the facts respecting the offence committed, the sentence given, the name of the Magistrate, previous record, as far as it is available at that time, the name and address of near relatives and information regarding prospective employment in case parole is granted during the sentence. The Parole Officer obtains a report from the Court which passed sentence and ascertains and investigates the past history of the prisoner.

The prisoner is listed for a personal appearance before the Board and a hearing at a date prior to the termination of the definite portion of his sentence. Immediately before the date of that hearing the Parole Officer summarizes the prisoner's fyle and when the Board meets and is ready to deal with the case this summary and the report from the Court are read. The prisoner is brought before the Board and seated with the members at a table, answers the questions which are asked and has an opportunity to present any statement which he wishes to make.

It should be noted at this point that prisoners serving indeterminate sentences are brought before the Board for hearing irrespective of conduct and progress made while in the Institution but the Superintendent of the Institution is present at the hearing to give all information available, including conduct, industry, faithfulness and compliance with the rules of the Institution.

Although parole may be authorized in any case it cannot be made effective until satisfactory employment is provided for the prisoner when he is ready to be paroled. He is required to have his prospective employer send to the Parole Officer a written guarantee of employment. This proposed employment, as well as the conditions in which the person would be working and living are investigated by the Police at the request of the Parole Officer. If such conditions are adjudged satisfactory the parole documents are completed with the signatures of the prisoner, the Secretary of the Parole Board and the Superintendent of the Institution, the prisoner being given a copy of the parole documents and the required report forms, which he must complete monthly during the balance of the sentence.

The Police of the District in which he is to reside and work are advised that he has been placed on parole and they are requested to give supervision and assist the person in becoming re-established as a good citizen. The Parole Officers also visit the person on parole from time to time until the expiration of sentence and give whatever assistance and advice is required.

If the prisoner violates the Conditions of Parole he may immediately be placed in custody and returned to one of the Reformatories or Industrial Farms to face the Board, answer for his actions and make any statement he cares to present. The Board has authority to revoke the parole, replace him on parole as may be advisable in exceptional cases, or instruct the Chief Officer to have him charged with having been unlawfully at large by reason of violation of the parole conditions.

Ontario is the only Province of Canada with the indeterminate sentence and a Parole Board. The authority for the indeterminate sentence in Ontario and for the establishment of a Parole Board was given by the Parliament of Canada in 1916. It is obvious that in earlier years the system was experimental. It has been generally effective. It is a stepping-stone between imprisonment and full citizenship. The following are the statistics for the past three years. The year 1935-36 includes a period of 17 months from November 1st, 1934, to March 31st, 1936.

	1933	1934	1935-6
Number of meetings held	31	27	45
Cases investigated	1620	1512	2339
Parole authorized	1063	987	1421
Paroles put into effect	787	806	1067
Recommended for deportation	31	29	11
Disappeared while on parole	26	42	24
Committed crime while on parole and re-convicted	47	67	70
Returned to Reformatory and paroles cancelled	9	9	17

Many of these prisoners paroled are heads of families, and too often with the bread winner in custody the family must be dependent on charity or public relief. By the one process of granting parole the family is likely to become self-supporting and the Province is saved the cost of maintaining the prisoner in the Institution.

The Board wishes to express its appreciation to the various Chiefs of Police throughout the Province, the Provincial Police and the Royal Canadian Mounted Police for the splendid assistance given during the past year, as well as the Department of Hospitals for the mental examinations of inmates. The

Board recognizes the fact that while the Police and Parole Officers can and do give valuable assistance to persons on parole that, nevertheless, if a person on parole is to become a good citizen, it will be largely through the efforts of himself and of other citizens in daily contact with him. Therefor, those citizens, great in number, are publicly commended for their efforts on behalf of those less fortunate than themselves and for the kindly spirit and the cheerful word which is frequently of more value than financial assistance.

The Board wish to express their deep regret in the passing of Mr. J. B. Tudhope of Orillia, Ontario, and Mr. William Inglis of Toronto, both highly esteemed members of the Board.

The Board was very fortunate in securing the services of Mr. R. Stewart Clark, a prominent Barrister of Guelph, Ontario, who was appointed to the Board on January 22, 1936, and Mrs. D. Strachan, prominent in Social Welfare Work in Toronto, who was appointed to the Board on November 5th, 1935. Both members have proved a great asset to the Board in its all important work.

The members of the Board for the year were as follows:
J. F. McKinley, Judge of the Family Court, Ottawa, Ontario.
Leon J. Long, Barrister, Stratford, Ontario.
Col. Arthur F. Hatch, retired manufacturer, Hamilton, Ontario.
Mr. R. Stewart Clark, Barrister, Guelph, Ontario.
Mrs. Daniel Strachan, Toronto, Ontario.

All of which is respectfully submitted.

(Sgd.) J. F. McKinley,
Chairman.

The Salvation Army

REPORT OF PRISON, JAIL AND POLICE COURT WORK IN ONTARIO

For the Year Ended September 30th, 1936

Submitted by
Colonel Dalziel,
The Chief Secretary.

Our report this year simply gives a very brief account of the work done in the Prisons, Jails and Police Court of Ontario. While we are thankful for that which has been accomplished, we wish that considerably more could have been done.

It is agreed that statistics can never tell the whole truth, yet by this means only can we give an account of the work accomplished. Every effort is put forth in the hope and assurance that the results will be seen after many days, and it is encouraging that in some cases we do not have to wait "The many days". In our midst to-day are men working and doing well, whom a year ago we met in prison or police court. Some of these men gave little thought to the higher things of life.

Our Officers are regularly in touch with the men in Langstaff, Mimico, Guelph, etc., and every man on discharge may be accommodated in our Home, (if he has no residence) for a period of time in order to help him back to work or to his relatives. Hundreds accept this offer, and many appreciate it and make good.

Not only do we set apart certain Officers who spend all their time in this work, but in Toronto we have a special building for their accommodation. In practically every town our Officers are available for visiting the families of men in prison, and of helping the man on his return home.

It is very difficult for a man leaving prison to regain his former place in society, but many do so, and often the way is made easier for the man by arrangements made by our Officers prior to release, and who are ready to welcome them.

Of course, it is well known that the real sufferers are the wives and families. It cannot be otherwise. Our Prisons are far more comfortable than many of the homes where the families reside, and the meals provided for men in the Institution are better by far than many of our working families can afford. It is well that men should be cared for while in Prison, but unfortunate that the innocent have to suffer at home for the wrong doer. There appears no way out just now, and therefore the limited assistance that we are able to render is

appreciated, although we are very much aware that it is far from meeting the need. What we can do in helping materially these families, though small, is done gladly.

The thousand religious services conducted in the prison during the year, and the hundreds of personal interviews with the men, plus the contact in their own homes on release, and in the Social Service Office, are all to the man's good.

Visits to Jails, Prisons and Police Courts, including visits when services are held	4,076
Interviews with men	8,133
Religious Services conducted in Prisons and Jails	1,452
Men handed to The Salvation Army, met on discharge, or who have come direct to the Prison Office	2,475
Meals and Beds supplied free	9,032
Letters written or calls made by 'phone in order to bring about reconciliation, or seek employment for discharged men	2,669
Visits to home, or prospective employers on behalf of prisoners	3,726
Employment secured, returned to former jobs or sent back to parents or friends, mostly from Police Court	1,303

Gifts are given to men at Christmas at all prisons and jails.

These statistics refer to Ontario only, and do not include other parts of Canada.

The visits, telephone calls and letters referred to are in order to bring about reconciliation for reinstatement of former employers or some other prospective employment, and to secure work for men.

Every man leaving prison may be provided with meals and beds for a few days or longer in order to give him an opportunity to regain his feet.

Concerts are given at Christmas in several Institutions, and a treat of chocolates given to each inmate. These treats, which number thousands, are appreciated by the inmates, and make the Christmas Season more real to them.

Needy families of the men in various Institutions are assisted, although not to the extent we would like, owing to the lack of funds. We always seek to meet emergency cases.

No charge is made at any time for services rendered, or for goods supplied to men or their families.

In closing, I want to put on record our gratitude and thanks to Superintendents and Officials of the various Institutions, also to Magistrates and Crown Attorneys for their real sympathy and help in cases where they feel that mercy can be extended yet justice done. I want to refer to the sympathy shown by the Officials at the Parliament Buildings, Honourable H. Nixon, Mr. C. F. Neelands, also the Attorney-General and others who give us the opportunity to be of service.

STATEMENT OF INCOME AND EXPENDITURE FOR THE FISCAL YEAR ENDED SEPTEMBER 30th, 1936.

Expenditures			Income	
To assistance to Prisoners and dependants		$ 2,468.93	*By Grants:*	
To expenses of Officers engaged in Prison Work:			Prov. of Ontario	$2,500.00
Burwash:			City of Toronto	1,650.00
Salaries	$1,123.70		City of Kingston	180.00
Rent	60.00		Social Service Council, Kingston	660.00
Incidentals	96.88		By donations	22.00
		1,280.58		
Guelph:				
Salaries	542.92			
Incidentals	71.02			
		613.94		
Toronto:				
Salaries	516.00			
Incidentals	288.60			
		804.60		
To Expenses of Officers engaged in Police Court Work:				
Toronto—Men's Police Court:				
Salaries	1,401.50			
Rents	603.00			
Travelling, Administrative and Incidentals	365.82			
		2,706.52		
Toronto—Women's Police Court:				
Salaries	557.75			
Administrative and Incidentals	392.10			
		949.85		
Peterboro:				
Salaries	398.00			
Incidentals	25.51			
		423.51		
Kingston:				
Salaries	1,117.20			
Incidentals	104.52			
		1,221.72	By deficit	5,457.00
		$10,469.65		$10,469.65

Annual Report upon the
Gaols in Ontario

FOR THE YEAR ENDING MARCH 31ST, 1936

(1)	Number of City Gaols in Ontario	2
	Number of County Gaols in Ontario	35
	Number of District Gaols in Ontario	10
	Total number of Gaols in Ontario	47
(2)	Total Expenditure for Gaol Maintenance in Ontario:	
	Year ending September 30th, 1934	$431,067.13
	Year ending March 31st, 1936	424,968.57
(3)	Average Maintenance Cost per day per prisoner:	
	Year ending September 30th, 1934	$1.135
	Year ending March 31st, 1936	1.16
	Average Dietary Cost per day per prisoner:	
	Year ending September 30th, 1934	.129
	Year ending March 31st, 1936	.136
(4)	Number of Prisoners Committed:	
	Year ending September 30th, 1934	20,916
	Year ending March 31st, 1936	24,053
	Increase	3,137

COMMITMENTS

	1934	1935-6	Decrease	Increase
Murder	10	24		14
Manslaughter	51	33	18	
Crimes:				
Against the Person	1,085	1,101		16
Against Property	5,866	6,025		59
Against Public Morals and Decency	484	569		85
Against Public Order and Peace	11,443	12,862		1,419
Insanity	377	401		24
Number of Prisoners Sentenced	13,509	16,356		2,847
Number of Days Stay of Prisoners	379,656	364,926	14,730	
Escapes	12	15		3
Escapes and Recaptured	10	10		
Deaths in Gaols	4	6		2

The following tables show Sex, Social Conditions, Habits, and Educational Status of all prisoners committed:

Sex

	1934	1935-6
Male	19,744	22,805
Female	1,172	1,248

Social Conditions

Married	7,592	8,573
Unmarried	13,324	15,480

Habits

Temperate	9,370	9,563
Intemperate	11,546	14,490

Educational Status

Could Read or Write	19,441	22,935
Could Neither Read or Write	1,475	1,552

The following tables show the Nationality, and Occupation of all Prisoners Committed:

Nationalty

Canadian-born	14,345	17,193
English	1,476	1,552
Irish	553	711
Scotch	824	1,010
United States	486	526
Other Countries	3,232	3,061

Occupations

Agricultural	1,114	1,174
Commercial	5,262	5,509
Domestic	1,118	1,340
Labourers	10,531	12,638
Professional	454	416
No Occupation	440	565

NUMBER OF PRISONERS COMMITTED REPORTED AS DRUG ADDICTS.

Cobourg	2	St. Catharines	1
Cornwall	1	St .Thomas	2
Hamilton	25	Toronto	205
Kitchener	1	Windsor	4
London	1	Woodstock	2
Milton	1	Bracebridge	1
Ottawa	1		
		Total	247

Offences for which prisoners were committed and sentenced during the year.

A. CRIMES AGAINST THE PERSON

	COMMITMENTS			SENTENCES		
	Male	Female	Total	Male	Female	Total
Abduction	7	4	11	3	2	5
Abortion	8	7	15	4	2	6
Assault, Common	614	14	628	299	6	305
Assault, Felonious	204	4	208	127	2	129
Attempted Suicide	33	8	41	15	2	17
Cutting and wounding and attempting same	27	.....	27	17	.....	17
Shooting with intent	6	.....	6	3	.....	3
Stabbing	2	.....	2	1	.....	1
Manslaughter	31	2	33	12	1	13
Murder	18	6	24	3	2	5
Carnal Knowledge	87	.....	87	44	.....	44
Rape with Assault with intent to rape	19	.....	19	5	.....	5
Total	1,056	45	1,101	533	17	550

B. CRIMES AGAINST PROPERTY

	COMMITMENTS			SENTENCES		
	Male	Female	Total	Male	Female	Total
Arson and Incendiarism	25	1	26	13	.....	13
Burglary and Housebreaking	1,174	11	1,185	769	7	776
Robbery	371	13	384	279	10	289
Forgery	134	10	144	102	6	108
Fraud	170	9	179	97	4	101
False Pretenses	414	34	448	277	28	305
Larceny	2,425	108	2,553	1,592	57	1,649
Theft of Cars	225	4	229	153	.....	153
Taking without owners consent	83	1	84	55	.....	55
Receiving stolen goods	257	12	269	159	3	162
Trespass	538	6	544	443	4	447
Total	5,816	209	6,025	3,939	119	4,058

Offences for which prisoners were committed and sentenced during the year.

C. CRIMES AGAINST PUBLIC MORALS AND DECENCY

	COMMITMENTS			SENTENCES		
	Male	Female	Total	Male	Female	Total
Bigamy	18	3	21	11	2	13
Indecent Assault	113	.....	113	57	.....	57
Indecent Exposure	51	2	53	35	2	37
Incest	20	3	23	13	2	15
Inmates and frequenters of Houses of ill-fame	50	26	76	33	11	44
Keeping Houses of ill-fame	32	56	88	24	33	57
Juvenile Delinquency	94	20	114	43	5	48
Perjury	25	3	28	17	3	20
Prostitution	3	12	15	2	8	10
Seduction	20	.....	20	8	.....	8
Buggery	18	.....	18	12	.....	12
Total	444	125	569	255	66	321

D. CRIMES AGAINST PUBLIC ORDER AND PEACE

	COMMITMENTS			SENTENCES		
	Male	Female	Total	Male	Female	Total
Breaches of the Liquor Control Act	3,190	143	3,333	2,839	93	2,932
Breaches of the Excise Act	179	8	187	151	6	157
Breaches of the Narcotic and Drug Act	14	4	18	9	4	13
Breaches of the By-Laws (Do not include B.L.C.A.)	338	4	342	258	3	261
Carrying unlawful weapons	62	.....	62	48	.....	48
Cruelty to animals	12	.....	12	11	.....	11
Drunk and Disorderly (Do not include B.L.C.A.)	5,475	130	5,605	4,192	121	4,313
Escaping from Constable	8	.....	8	5	.....	5
Escaping from prison	54	3	57	42	1	43
Gambling	115	.....	115	49	.....	49
Lunatics and persons unsafe to be at large	397	106	503	146	43	189
Obstructing an Officer	77	2	79	60	2	62
Selling or giving liquor to Indians (Do not include B.L.C.A.)	67	6	73	63	6	69
Unlawful shooting	4	.....	4	4	.....	4
Vagrancy	2,272	192	2,464	1,368	71	1,439
Total	12,264	598	12,862	9,245	350	9,595
E. OTHER OFFENSES NOT ENUMERATED ABOVE	10,541	650	11,191	6,474	287	6,761
GRAND TOTAL (Totals of A, B, C, D, and E)	22,805	1,248	24,053	15,719	637	16,356

CITY and COUNTY GAOLS	Names of Officials			
	Sheriffs	Gaolers	Chief Matrons	Chief Turnkeys
Barrie	E. C. Drury	E. Garrity	Mrs. E. Garrity	J. Weymouth
Belleville	J. D. O'Flynn	G. H. French	" G. H. French	J. Semain
Brampton	F. S. Hutchinson	W. A. Partridge	" W. A. Partridge	R. Allen
Brantford	C. S. Tapscott	J. Cook	" J. Cook	H. Slaught
Brockville	A. J. Traill	J. A. McLean	" J. A. McLean	J. Harrison
Cayuga	R F. Miller	J. B. Smith	" J. B. Smith	W. Spittal
Chatham	E. W. Hardy	P. J. Daigneau	" P. J. Daigneau	H. A. Ortt
Cobourg	J. T. Field	T. J. Wright	" T. J. White	T. Palen
Cornwall	A. I. Macdonnell	R. A. Cook	" I. Cowhey	Jas. Cowhey
Goderich	Robt. Johnston	J. B. Reynolds	" J. B. Reynolds	K. White
Guelph	H. A. Waind	L. Cosby	" L. Cosby	F. Topham
Hamilton*	J. W. Lawrason	F. V. Lalonde	" E. D. Lalonde	T. Hickmott
Kingston	R. F. Vair	J. T. Hawkey	" B. J. Hawkey	E. Revelle
Kitchener	G. H. Gillies	E. Langridge	" V. Langridge	R. Schultz
Lindsay	J. Forman	H. W. Stone	" E. Stone	C. A. Grazelle
London	D. A. Graham	Chas. Mitchell	" J. North	W. Gray
L'Orignal	A. Landriault	A. Gelineau	" A. Gelineau	E. Seguin
Milton	W. J. L. Hampshire	J. McCallum	" R. McCallum	A. Mayes
Napanee	W. Deroche	W. H. Roe	" W. H. Roe	M. L. Roe
Orangeville	H. Endacott	Geo. Leighton	" M. Leighton	Wm. Campbell
Ottawa	S. Crooks	A. G. Dawson	" M. Connell	F. McKay
Owen Sound	W. Breese	W. A. Grier	" M. Greer	W. H. Wright
Pembroke	Alex Morris	A. E. Brown	" M. Brown	J. C. Purpore
Perth	J. S. L. McNeely	Wm. Somerville	" M. Somerville	Jas. Palmer
Peterboro	F. J. H. Hall	T. D. Johnston	" T. D. Johnston	S. D. Johnston
Picton	A. E. Bowerman	W. McWilliams	" V. McWilliams	C. Hubbs
St. Catharines	F. J. Graves	J. J. Dundas	" L. Dundas	W. F. Clinch
St. Thomas	I. D. Cameron	C. P. Ermatinger	" R. Donaldson	R. B. Donaldson
Sandwich	A. A. Marentette	J. W. Warden	" J. Warden	J. L. Morkin
Sarnia	A. J. Johnston	E. J. Mott	" E. J. Mott	Geo. Gilbert
Simcoe	A. C. Pratt	Geo. Mercel	" G. Mercel	Geo. Holden
Stratford	H. D. Lang	A. T. Trethewy	" A. Trethewy	H. Brazier
Toronto*	A. M. Gorrie	H. G. Denning	" M. Peers	A. Edwards
Walkerton	H. A. McGillivray	V. M. Bell	" K. Bell	A. McDougall
Welland	V. L. Davidson	D. Sharpe	" L. Schooley	H. Herman
Whitby	H. Bascom	H. F. Lucas	" I. Lucas	Wm. Pellow
Woodstock	Wm. McGhee	G. Forbes	" M. Forbes	J. Skinner
DISTRICT GAOLS				
Bracebridge	C. S. Salmon	C. Reynolds	Mrs. E. Reynolds	
Fort Frances	W. P. Pilkey	I. E. King	" J. E. King	J. Miller
Gore Bay	W. I. Wagg	K. McDermid	" S. McDermid	
Haileybury	G. Caldbick	C. W. Austin	" B. Terrill	J. B. Anderson
Kenora	L. D. MacCallum	E. W. Cox	" M. F. Cox	H. W. Warner
North Bay	T. J. Bourke	E. J. Turner	" F. Valin	Wm. Rayner
Parry Sound	J. Armstrong	T. W. Keating	" T. W. Keating	W. J. Tait
Port Arthur	N. Edmeston	G. F. Lasseter	" G. F. Lasseter	C. M. Smith
Sault Ste. Marie	R. E. Stone	R. M. Hearst	" R. M. Hearst	Wm. Johnson
Sudbury	M. Arthur	W. H. O'Leary	" W. H. O'Leary	R. Cornthwaite

* City Gaols.

CITY and COUNTY GAOLS	Gaol Surgeons	Salaries of Officials				
		Gaolers	Matrons	Other Officers	Gaol Surgeons	Total Salaries
Barrie	Dr. Wm. Little	$1,100.00	$ 400.00	$ 441.00	$ 349.00	$1,890.00
Belleville	" W. C. Morgan	700.00	400.00	1,820.00	250.00	3,170.00
Brampton	" D. C. Heggie	720.00	250.00	625.00	100.00	1,695.00
Brantford	" R. H. Palmer	1,500.09	500.00	4,271.60	300.00	6,571.60
Brockville	" E. B. Moles	1,150.00	200.00	958.71	150.00	2,458.71
Cayuga	" A. J. Bromley	1,000.00	200.00	1,022.25	200.00	2,422.25
Chatham	" J. Ferguson	870.83	316.67	3,320.16	350.00	4,857.66
Cobourg	" A. R. Richards	1,000.00	200.00	1,022.25	200.00	2,422.25
Cornwall	" A. R. Alguire	1,725.00	360.00	2,688.70	180.00	4,953.70
Goderich	" A. H. Taylor	950.00	225.00	900.00	100.00	2,175.00
Guelph	" A. B. McCarter	1,000.00	300.00	2,199.25	200.00	3,699.25
Hamilton*	" T. C. Gibson	1,800.00	665.00	13,994.00	1,000.00	17,459.00
Kingston	" S. E. Porter	1,350.00	58.00	2,498.00	270.00	4,176.00
Kitchener	" G. D. McTaggart	1,100.00	400.00	2,214.40	500.00	4,214.40
Lindsay	" M. F. White	1,080.00	216.00	1,243.25	75.00	2,614.25
London	" D. H. Hogg	1,620.00	750.00	10,169.51	700.00	13,139.51
L'Orignal	" R. Laviolette	637.50	191.25	1,405.55	250.00	2,484.30
Milton	" C. K. Stevenson	900.00	200.00	780.00	100.00	1,980.00
Napanee	" T. M. Galbraith	1,000.00	200.00	427.50	200.00	1,827.50
Orangeville	" J. W. Leach	1,200.00	400.00	1,000.00	125.00	2,775.00
Ottawa	" J. F. Argue	2,300.00	650.00	9,907.30	365.00	13,222.30
Owen Sound	" R. Howey	1,200.00	300.00	1,195.50	250.00	2,945.50
Pembroke	" A. J. Spalding	1,700.00	225.00	1,708.00	100.00	3,733.00
Perth	" A. C. Fowler	1,000.00	200.00	1,000.00	500.00	2,700.00
Peterboro	" J. A. Morgan	900.00	270.00	1,362.00	200.00	2,732.00
Picton	" G. Allison	600.00	200.00	157.27	150.00	1,107.27
St. Catharines	" L. H. Werden	1,100.00	300.00	1,100.00	135.00	2,635.00
St. Thomas	" D. L. Ewin	1,420.00	.....	3,543.85	218.00	5,181.85
Sandwich	" C. J. Hemmond	1,320.00	540.00	9,576.00	700.00	12,136.00
Sarnia	" W. B. Rutherford	1,075.00	300.00	2,086.50	300.00	3,761.50
Simcoe	" K. McIntosh	840.00	250.00	1,365.00	75.00	2,530.00
Stratford	" M. J. Fraser	1,100.00	450.00	1,016.50	150.00	2,716.50
Toronto*	" J. Chassels	4,900.00	1,284.80	45,677.96	1,500.00	53,362.76
Walkerton	" W. A. Hall	720.00	270.00	725.20	90.00	1,805.20
Welland	" D. Allison	1,620.00	250.00	2,679.00	200.00	4,749.00
Whitby	" C. F. McGillivray	765.00	225.00	1,740.85	135.00	2,865.85
Woodstock	" C. W. MacKay	800.00	270.00	1,914.80	180.00	3,164.80
DISTRICT GAOLS						
Bracebridge	Dr. P. McGibbon	1,200.00	200.00	.....	150.00	1,550.00
Fort Frances	" R. Moore	1,600.00	300.00	1,656.25	100.00	3,656.25
Gore Bay	" A. F. Strain	1,200.00	246.50	286.66	197.03	1,380.00
Haileybury	" W. C. Arnold	1,600.00	300.00	6,999.50	300.00	9,149.45
Kenora	" W. J. Gunne	1,500.00	300.00	5,677.58	200.00	7,389.58
North Bay	" E. J. Brennan	1,800.00	354.60	5,700.84	300.00	8,155.44
Parry Sound	" M. H. Limbert	1,400.00	300.00	2,477.50	150.00	4,027.50
Port Arthur	" W. Smith	2,000.00	360.00	7,939.25	252.00	10,451.25
Sault Ste. Marie	" S. E. Fleming	1,800.00	279.00	3,758.60	300.00	5,462.60
Sudbury	" W. C. Morrison	1,900.00	300.00	6,450.00	700.00	9,350.00

TABLE

Social Status and Habits of Prisoners Committed

CITY and COUNTY GAOLS	Married			Unmarried			Temperate		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Barrie	82	4	86	199	2	201	182	5	187
Belleville	150	9	159	278	10	288	239	15	254
Brampton	38	3	41	63	1	64	30	4	34
Brantford	63	8	71	179	6	185	92	7	99
Brockville	82	7	89	222	4	226	185	8	193
Cayuga	39	6	45	139	3	142	70	9	79
Chatham	125	20	145	275	10	285	230	21	251
Cobourg	57	1	58	120	5	125	101	6	107
Cornwall	74	2	76	175	7	182	59	7	66
Goderich	35	2	37	57	4	61	49	4	53
Guelph	64	8	72	147	.....	147	135	8	143
Hamilton*	664	90	754	674	39	713	702	88	790
Kingston	97	1	98	275	5	280	87	5	92
Kitchener	134	9	143	251	19	270	148	25	173
Lindsay	36	4	40	66	1	67	36	4	40
London	323	22	345	533	20	553	285	17	302
L'Original	46	3	49	89	1	90	93	4	97
Milton	34	1	35	61	4	65	39	3	42
Napanee	40	1	41	70	1	71	50	1	51
Orangeville	20	.....	20	21	.....	21	25	.....	25
Ottawa	436	16	452	1,384	29	1,413	635	30	665
Owen Sound	52	4	56	78	1	79	72	5	77
Pembroke	38	2	40	163	4	167	58	5	63
Perth	36	.....	36	110	.....	110	22	.....	22
Peterborough	63	11	74	154	5	159	116	15	131
Picton	33	.....	33	26	.....	26	16	.....	16
St. Catharines	81	1	82	131	3	134	83	4	87
St. Thomas	64	.....	64	162	1	163	178	1	179
Sandwich	275	19	294	451	26	477	307	22	329
Sarnia	80	8	88	139	6	145	90	1	91
Simcoe	95	4	99	110	.....	110	68	1	69
Stratford	91	4	95	105	3	108	137	6	143
Toronto*	2,799	279	3,087	4,302	204	4,506	2,136	203	2,339
Walkerton	58	2	60	66	3	69	81	3	84
Welland	111	2	113	337	8	345	149	8	157
Whitby	119	7	126	185	3	188	155	3	158
Woodstock	69	3	72	125	2	127	67	5	72
DISTRICT GAOLS									
Bracebridge	26	.....	26	46	.....	46	56	.....	56
Fort Frances	55	4	59	84	8	92	76	8	84
Gore Bay	23	6	29	13	1	14	8	4	12
Haileybury	216	17	233	471	12	483	448	22	470
Kenora	68	9	77	225	9	234	164	14	178
North Bay	213	18	231	367	7	374	232	8	240
Parry Sound	44	3	47	107	2	109	46	1	47
Port Arthur	170	24	194	591	28	619	326	36	362
Sault Ste. Marie	66	12	78	175	7	182	70	8	78
Sudbury	290	43	333	930	35	965	234	42	276
Totals	7,874	699	8,573	14,931	549	15,480	8,867	696	9563

* City Gaols.

No. 2

during the Year ending March 31st. 1936.

CITY and COUNTY GAOLS	Intemperate			Illiterate			Could read or write		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Barrie	99	1	100	11	.....	11	270	6	276
Belleville	189	4	193	39	1	40	389	18	407
Brampton	71	.....	71	.....	.....	.....	101	4	165
Brantford	150	7	157	9	1	10	233	13	246
Brockville	119	3	122	16	.....	16	288	11	299
Cayuga	108	.....	108	3	.....	3	175	9	184
Chatham	170	9	179	23	2	25	377	28	405
Cobourg	76	.....	76	10	.....	10	167	6	173
Cornwall	190	2	192	35	.....	35	214	9	223
Goderich	43	2	45	6	.....	6	86	6	92
Guelph	76	.....	76	2	.....	2	217	.....	217
Hamilton*	636	41	677	36	9	45	1,302	120	1,422
Kingston	285	1	286	17	.....	17	355	6	361
Kitchener	237	3	240	1	.....	1	384	28	412
Lindsay	66	1	67	4	2	6	98	3	101
London	571	25	596	.....	.....	.....	856	42	898
L'Orignal	42	.....	42	17	1	18	118	3	121
Milton	56	2	58	2	.....	2	93	5	98
Napanee	60	1	61	11	1	12	99	1	100
Orangeville	16	.....	16	2	.....	2	39	.....	39
Ottawa	1,185	15	1,200	96	4	100	1,724	41	1,765
Owen Sound	58	.....	58	7	.....	7	123	5	128
Pembroke	143	1	144	4	.....	4	197	6	203
Perth	124	.....	124	2	.....	2	144	.....	144
Peterboro	101	1	102	8	2	10	209	14	223
Picton	43	.....	43	8	.....	8	51	.....	51
St. Catharines	129	.....	129	8	.....	8	204	4	208
St. Thomas	48	.....	48	2	.....	2	224	1	225
Sandwich	419	23	442	54	3	57	672	42	714
Sarnia	129	13	142	13	2	15	206	12	218
Simcoe	137	3	140	5	.....	5	200	4	204
Stratford	59	1	60	7	.....	7	189	7	196
Toronto*	4,965	280	5,245	140	9	149	6,961	474	7,435
Walkerton	43	2	45	3	2	5	121	3	124
Welland	299	2	301	24	1	25	424	9	433
Whitby	149	7	156	8	.....	8	296	10	306
Woodstock	127	.....	127	6	.....	6	188	5	193
DISTRICT GAOLS									
Bracebridge	16	.....	16	2	.....	2	70	.....	70
Fort Frances	63	4	67	3	2	5	136	10	146
Gore Bay	28	3	31	10	2	12	26	5	31
Haileybury	239	7	246	57	1	58	630	28	658
Kenora	129	4	133	47	3	50	246	15	261
North Bay	348	17	365	123	4	127	457	21	478
Parry Sound	105	4	109	15	1	16	136	4	140
Port Arthur	435	16	451	22	2	24	739	50	789
Sault Ste. Marie	171	11	182	26	.....	26	215	19	234
Sudbury	986	36	1,022	115	4	119	1,105	74	1,179
Totals	13,938	552	14,490	1,059	59	1,118	21,754	1,181	22,935

TABLE

Number committed to gaol, re-committals.

CITY and COUNTY GAOLS	Total number committed during Year			Under 16 years of Age			16 years of Age and over		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Barrie	281	6	287	6	.....	6	275	6	281
Belleville	428	19	447	.....	.....	.....	428	19	447
Brampton	101	4	105	.....	1	1	101	3	104
Brantford	242	14	256	2	.....	2	240	14	254
Brockville	304	11	315	7	1	8	297	10	307
Cayuga	178	9	187	1	.....	1	177	9	186
Chatham	400	30	430	3	.....	3	397	30	427
Cobourg	177	6	183	3	.....	3	174	6	180
Cornwall	249	9	258	.....	.....	.....	249	9	258
Goderich	92	6	98	.....	.....	.....	92	6	98
Guelph	211	8	219	.....	.....	.....	211	8	219
Hamilton*	1,338	129	1,467	1	.....	1	1,337	129	1,466
Kingston	372	6	378	1	.....	1	371	6	377
Kitchener	385	28	413	.....	.....	.....	385	28	413
Lindsay	102	5	107	.....	.....	.....	102	5	107
London	856	42	898	.....	.....	.....	856	42	898
L'Orignal	135	4	139	3	.....	3	132	4	136
Milton	95	5	100	.....	.....	.....	95	5	100
Napanee	110	2	112	3	1	4	107	1	108
Orangeville	41	.....	41	2	.....	2	39	.....	39
Ottawa	1,820	45	1,865	6	.....	6	1,814	45	1,859
Owen Sound	130	5	135	.....	.....	.....	130	5	135
Pembroke	201	6	207	.....	.....	.....	201	6	207
Perth	146	.....	146	.....	.....	.....	146	.....	146
Peterboro	217	16	233	.....	.....	.....	217	16	233
Picton	59	.....	59	2	.....	2	57	.....	57
St. Catharines	212	4	216	.....	.....	.....	212	4	216
St. Thomas	226	1	227	.....	.....	.....	226	1	227
Sandwich	726	45	771	11	.....	11	715	45	760
Sarnia	219	14	233	5	1	6	214	13	227
Simcoe	205	4	209	.....	.....	.....	205	4	209
Stratford	196	7	203	2	.....	2	194	7	201
Toronto*	7,101	483	7,584	2	.....	2	7,099	483	7,582
Walkerton	124	5	129	.....	.....	.....	124	5	129
Welland	448	10	458	2	.....	2	446	10	456
Whitby	304	10	314	2	.....	2	302	10	312
Woodstock	194	5	199	.....	.....	.....	194	5	199
DISTRICT GAOLS									
Bracebridge	72	.....	72	1	.....	1	71	.....	71
Fort Frances	139	12	151	5	1	6	134	11	145
Gore Bay	36	7	43	.....	.....	.....	36	7	43
Haileybury	687	29	716	1	1	2	686	28	714
Kenora	293	18	311	2	1	3	291	17	308
North Bay	580	25	605	4	1	5	576	24	600
Parry Sound	151	5	156	4	.....	4	147	5	152
Port Arthur	761	52	813	6	1	7	755	51	806
Sault Ste. Marie	241	19	260	5	.....	5	236	19	255
Sudbury	1,220	78	1,298	3	1	4	1,217	77	1,294
Totals	22,805	1,248	24,053	95	10	105	22,710	1,238	23,948

* City Gaols.

No. 3

Number over and under sixteen years of age.

CITY and COUNTY GAOLS	Number of Times Committed to Gaol							
	First Time		Second Time		Third Time		Over Three Times	
	Male	Female	Male	Female	Male	Female	Male	Female
Barrie	154	2	59	4	24	.....	44	.....
Belleville	229	17	114	1	56	1	29	.....
Brampton	61	2	23	2	5	.....	12	.....
Brantford	146	9	34	2	17	1	45	2
Brockville	228	11	33	.....	23	.....	20	.....
Cayuga	164	9	9	.....	5	.....	.....	.....
Chatham	226	19	67	9	46	.....	61	2
Cobourg	106	6	44	.....	21	.....	6	.....
Cornwall	109	6	33	1	36	1	71	1
Goderich	20	3	50	3	13	.....	9	.....
Guelph	83	8	58	.....	41	.....	29	.....
Hamilton*	585	65	200	18	132	7	421	39
Kingston	282	6	35	.....	20	.....	35	.....
Kitchener	151	18	66	8	79	1	89	1
Lindsay	58	3	16	2	18	.....	10	.....
London	379	25	187	7	85	2	205	8
L'Orignal	86	4	16	.....	20	.....	13	.....
Milton	69	3	11	1	7	1	8	.....
Napanee	55	2	14	.....	11	.....	30	.....
Orangeville	30	.....	4	.....	.....	.....	7	.....
Ottawa	1,330	44	399	1	32	.....	59	.....
Owen Sound	80	3	15	2	7	.....	28	.....
Pembroke	174	6	15	.....	8	.....	4	.....
Perth	132	.....	8	.....	3	.....	3	.....
Peterboro	146	12	32	2	11	1	28	1
Picton	30	.....	9	.....	4	.....	16	.....
St. Catharines	84	4	34	.....	27	.....	67	.....
St. Thomas	109	.....	50	1	32	.....	35	.....
Sandwich	589	41	72	4	33	.....	32	.....
Sarnia	97	10	53	1	31	3	38	.....
Simcoe	112	2	45	2	24	.....	24	.....
Stratford	155	5	13	2	5	.....	23	.....
Toronto*	3,170	320	1,220	73	950	31	1,751	59
Walkerton	77	4	27	1	14	.....	6	.....
Welland	238	10	80	.....	63	.....	67	.....
Whitby	198	6	63	3	24	.....	19	1
Woodstock	182	4	8	1	4	.....	.....	.....
DISTRICT GAOLS								
Bracebridge	36	.....	15	.....	8	.....	13	.....
Fort Frances	101	11	23	.....	9	1	6	.....
Gore Bay	22	5	9	1	3	.....	2	1
Haileybury	389	15	132	13	48	.....	118	1
Kenora	239	16	23	.....	21	1	10	1
North Bay	329	17	130	5	58	2	63	1
Parry Sound	149	5	2	.....	.....	.....	.....	.....
Port Arthur	621	50	108	2	32	.....	.....	.....
Sault Ste. Marie	136	8	56	7	34	3	15	1
Sudbury	617	54	377	19	137	5	89	.....
Totals	12,763	870	4,091	198	2,291	61	3,650	119

TABLE

Prisoners transferred and

CITY and COUNTY GAOLS	Sentenced to Gaol and afterwards removed to a Reformatory	Sentenced direct to a Reformatory	Sentenced to Gaol and afterwards removed to an Industrial Farm	Sentenced direct to an Industrial Farm	Sentenced to Gaol and afterwards removed to Andrew Mercer Reformatory	Sentenced direct to the Andrew Mercer Reformatory
	Male	Male	Male	Male	Female	Female
Barrie	.....	.....	6	36	.....	.....
Belleville	6	37	.....	.....	.....	10
Brampton	.....	12	.....	.....	.....	.....
Brantford	18	2	8	1	.....	2
Brockville	.....	22	.....	.....	.....	2
Cayuga	4	.....	.....	.....	1	.....
Chatham	.....	47	.....	.....	1	2
Cobourg	.....	19	.....	.....	.....	1
Cornwall	20	13	6	2	1	4
Goderich	.....	2	.....	9	.....	2
Guelph	.....	49	.....	21	.....	.....
Hamilton*	77	198	.....	.....	7	12
Kingston	47	.....	.....	.....	.....	.....
Kitchener	1	31	.....	1	.....	3
Lindsay	.....	18	.....	.....	.....	1
London	.....	56	.....	.....	.....	5
L'Orignal	.....	10	.....	.....	.....	.....
Milton	.....	6	.....	.....	1	.....
Napanee	.....	5	.....	.....	.....	1
Orangeville	.....	1	.....	.....	.....	.....
Ottawa	11	82	.....	.....	.....	6
Owen Sound	2	6	.....	.....	.....	4
Pembroke	.....	12	.....	2	.....	4
Perth	.....	7	.....	.....	.....	.....
Peterboro	.....	16	.....	.....	.....	1
Picton	3	.....	.....	.....	.....	.....
St. Catharines	18	.....	.....	.....	.....	.....
St. Thomas	4	17	.....	3	.....	.....
Sandwich	2	57	.....	23	.....	8
Sarnia	14	.....	.....	.....	.....	.....
Simcoe	.....	15	.....	.....	.....	.....
Stratford	1	29	.....	.....	.....	.....
Toronto*	1,654	526	.....	.....	63	.....
Walkerton	.....	12	.....	.....	.....	2
Welland	1	48	.....	.....	2	1
Whitby	.....	26	.....	3	.....	.....
Woodstock	14	.....	6	.....	.....	7
DISTRICT GAOLS						
Bracebridge	.....	9	2	2	.....	.....
Fort Frances	.....	.....	.....	5	.....	.....
Gore Bay	.....	.....	1	2	.....	1
Haileybury	7	14	74	.....	2	.....
Kenora	.....	.....	13	.....	.....	.....
North Bay	.....	22	29	63	.....	.....
Parry Sound	.....	14	.....	.....	.....	.....
Port Arthur	.....	11	122	.....	.....	.....
Sault Ste. Marie	.....	1	.....	22	.....	7
Sudbury	.....	3	268	.....	9	.....
Totals	1,926	1,455	535	195	87	86

* City Gaols.

No. 4
to where transferred.

CITY and COUNTY GAOLS	Sentenced to the Penitentiary			Sentenced to Industrial Schools			Sentenced to Industrial Refuges			Sentenced to any other place of Confinement			Total		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	Male	Fem'l	Total
Barrie	....	....	....	2	....	2	....	....	....	7	....	7	51	.....	51
Belleville	8	....	8	....	....	....	1	....	1	9	4	13	61	14	75
Brampton	1	....	1	....	....	....	....	....	....	9	3	12	22	3	25
Brantford	2	....	2	2	....	2	....	....	....	7	1	8	40	3	43
Brockville	4	....	4	5	....	5	....	....	....	10	1	11	41	3	44
Cayuga	....	....	....	....	....	....	....	....	....	4	4	8	8	5	13
Chatham	5	....	5	....	....	....	2	....	2	6	....	6	60	3	63
Cobourg	3	....	3	3	....	3	....	....	....	6	3	9	31	4	35
Cornwall	9	....	9	....	....	....	....	....	....	5	1	6	55	6	61
Goderich	2	....	2	....	....	....	....	....	....	8	....	8	21	2	23
Guelph	8	....	8	....	....	....	....	....	....	6	....	6	84	.....	84
Hamilton*	51	1	52	....	....	....	....	7	7	11	2	13	337	29	366
Kingston	8	....	8	....	....	....	....	....	....	11	....	11	66	.....	66
Kitchener	6	....	6	3	1	4	....	....	....	14	8	22	56	12	68
Lindsay	1	....	1	....	....	....	....	....	....	....	....	....	19	1	20
London	28	....	28	....	....	....	....	....	....	....	....	....	84	5	89
L'Orignal	8	....	8	3	....	3	....	....	....	3	1	4	24	1	25
Milton	6	....	6	....	....	....	....	....	....	2	....	2	14	1	15
Napanee	2	....	2	....	....	....	....	....	....	6	....	6	13	1	14
Orangeville	3	....	3	1	....	1	....	....	....	....	....	....	5	.....	5
Ottawa	23	....	23	....	....	....	....	....	....	2	1	3	118	7	125
Owen Sound	1	....	1	....	....	....	....	....	....	15	1	16	24	5	29
Pembroke	6	1	7	....	....	....	....	....	....	1	....	1	21	5	26
Perth	3	....	3	1	....	1	....	....	....	1	....	1	12	.....	12
Peterboro	4	....	4	....	....	....	....	....	....	2	1	3	22	2	24
Picton	2	....	2	....	....	....	....	....	....	5	....	5	10	.....	10
St. Catharines	9	....	9	....	....	....	....	....	....	3	....	3	30	.....	30
St. Thomas	4	....	4	....	....	....	....	....	....	9	1	10	37	1	38
Sandwich	9	....	9	10	....	10	....	....	....	17	3	20	118	11	129
Sarnia	5	....	5	4	....	4	....	....	....	8	....	8	31	.....	31
Simcoe	1	....	1	....	....	....	....	....	....	15	....	15	31	.....	31
Stratford	4	....	4	....	....	....	....	3	3	3	....	3	37	3	40
Toronto*	75	....	75	....	....	....	....	....	....	75	20	95	2,330	83	2,413
Walkerton	3	....	3	....	....	....	....	....	....	1	1	2	16	3	19
Welland	8	1	9	....	....	....	....	....	....	10	1	11	67	5	72
Whitby	5	....	5	3	....	3	....	....	....	16	2	18	53	2	55
Woodstock	....	....	....	....	....	....	....	....	....	5	....	5	25	7	32
DISTRICT GAOLS															
Bracebridge	2	....	2	....	....	....	....	....	....	1	....	1	16	.....	16
Fort Frances	2	....	2	....	....	....	....	....	....	9	1	10	16	1	17
Gore Bay	....	....	....	....	....	....	....	....	....	2	1	3	5	2	7
Haileybury	13	....	13	1	....	1	....	....	....	....	....	....	109	2	111
Kenora	4	....	4	....	....	....	....	....	....	7	3	10	24	3	27
North Bay	6	....	6	2	....	2	....	....	....	39	9	48	161	9	170
Parry Sound	3	....	3	....	....	....	....	....	....	8	....	8	25	.....	25
Port Arthur	11	....	11	1	....	1	....	....	....	....	....	....	145	.....	145
Sault Ste. Marie	6	....	6	....	....	....	....	....	....	6	1	7	35	8	43
Sudbury	20	....	20	....	1	1	....	....	....	88	11	99	401	21	422
Totals	384	3	387	41	2	43	3	10	13	472	85	557	5,011	273	5,284

TABLE

Period of sentences; gaols,

CITY and COUNTY GAOLS	Suspended Sentences			Under 30 days			30 days and under 60 days (2 months)			60 days or 2 months		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	14	2	16	81	....	81	44	....	44	15	....	15
Belleville	13	.....	13	186	4	190	35	....	35	11	1	12
Brampton	13	.....	13	18	....	18	5	1	6	2	....	2
Brantford	10	1	11	63	2	65	25	2	27	6	....	6
Brockville	12	2	14	168	2	170	30	....	30	9	....	9
Cayuga	2	.....	2	143	5	148	6	1	7	2	....	2
Chatham	89	10	99	133	1	134	45	3	48	2	....	2
Cobourg	46	.....	46	27	....	27	28	....	28	3	....	3
Cornwall	31	1	32	52	1	53	46	....	46	10	....	10
Goderich	8	1	9	12	....	12	3	....	3	2	....	2
Guelph	5	.....	5	20	3	23	45	5	50	13	....	13
Hamilton*	135	10	145	300	18	318	199	23	222	38	14	52
Kingston	22	3	25	181	1	182	37	....	37	2	....	2
Kitchener	46	3	49	70	1	71	57	1	58	10	1	11
Lindsay	12	.....	12	33	1	34	10	....	10	4	1	5
London	.....	.....	.....	377	13	390	5	....	5	39	2	41
L'Orignal	42	.....	42	44	6	50	15	....	15	1	....	1
Milton	15	1	16	44	2	46	13	....	13	2	1	3
Napanee	7	1	8	47	....	47	13	....	13	2	....	2
Orangeville	2	.....	2	5	....	5	2	....	2	1	....	1
Ottawa	136	2	138	886	9	895	134	....	134	20	....	20
Owen Sound	7	.....	7	46	....	46	5	....	5	1	1	2
Pembroke	6	.....	6	110	....	110	9	1	10	12	....	12
Perth	4	.....	4	95	....	95	12	....	12	8	....	8
Peterboro	9	1	10	117	3	120	25	2	27	6	1	7
Picton	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Catharines	5	1	6	93	....	93	32	....	32	3	....	3
St. Thomas	19	.....	19	73	....	73	15	....	15	8	....	8
Sandwich	85	3	88	266	6	272	60	1	61	10	2	12
Sarnia	31	.....	31	41	4	45	27	1	28	24	1	25
Simcoe	21	1	22	40	1	41	41	....	41	4	....	4
Stratford	35	.....	35	45	1	46	18	....	18	8	....	8
Toronto*	1,102	113	1,215	2,117	69	2,186	1,119	64	1,183	117	20	137
Walkerton	8	2	10	32	....	32	19	1	20	10	....	10
Welland	41	.....	41	176	1	177	42	....	42	17	....	17
Whitby	25	1	26	114	1	115	25	4	29	10	....	10
Woodstock	30	1	31	78	....	78	11	....	11	13	1	14
DISTRICT GAOLS												
Bracebridge	2	.....	2	19	....	19	14	....	14	8	....	8
Fort Frances	18	1	19	38	3	41	17	3	20	3	....	3
Gore Bay	.....	.....	.....	18	....	18	6	2	8	3	2	5
Haileybury	1	.....	1	93	....	93	291	10	301	22	3	25
Kenora	2	.....	2	109	2	111	43	....	43	18	....	18
North Bay	20	5	25	259	1	260	57	....	57	20	3	23
Parry Sound	5	.....	5	46	1	47	26	1	27	9	....	9
Port Arthur	31	3	34	264	7	271	140	5	145	33	1	34
Sault Ste. Marie	.....	.....	.....	53	1	54	55	4	59	8	....	8
Sudbury	21	2	23	434	7	441	117	2	119	80	5	85
Totals	2,188	171	2,359	7,666	177	7,843	3,023	137	3,160	649	60	709

* City Gaols.

No. 5

reformatories, penitentiaries or elsewhere.

CITY and COUNTY GAOLS	Over 2 months and under 3 months			3 months and under 4 months			4 months and under 5 months			5 months and under 6 months		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	.....	.....	.....	28	1	29	1	.....	1	.....	.....	.....
Belleville	15	.....	15	27	.....	27	2	.....	2	3	.....	3
Brampton	.....	.....	.....	7	.....	7	.....	.....	.....	.....	.....	.....
Brantford	7	.....	7	9	.....	9	.....	.....	.....	2	1	3
Brockville	11	.....	11	6	.....	6	4	.....	4	7	.....	7
Cayuga	3	.....	3	2	.....	2	.....	.....	.....	.....	.....	.....
Chatham	14	7	21	37	1	38	5	.....	5	2	.....	2
Cobourg	.....	.....	.....	6	.....	6	.....	.....	.....	.....	.....	.....
Cornwall	3	1	4	24	1	25	5	2	7	1	.....	1
Goderich	.....	.....	.....	2	.....	2	4	.....	4	1	.....	1
Guelph	.....	.....	.....	26	.....	26	8	.....	8	1	.....	1
Hamilton*	.....	.....	.....	110	4	114	15	1	16	4	1	5
Kingston	.....	.....	.....	38	.....	38	4	.....	4	3	.....	3
Kitchener	6	.....	6	11	.....	11	2	.....	2	1	.....	1
Lindsay	2	.....	2	6	.....	6	.....	.....	.....	.....	.....	.....
London	5	.....	5	25	.....	25	3	.....	3	2	.....	2
L'Orignal	.....	.....	.....	12	.....	12	.....	.....	.....	.....	.....	.....
Milton	.....	.....	.....	5	1	6	.....	.....	.....	.....	.....	.....
Napanee	.....	.....	.....	4	1	5	.....	.....	.....	1	.....	1
Orangeville	1	.....	1	2	.....	2	.....	.....	.....	1	.....	1
Ottawa	41	.....	41	1	.....	1	6	.....	6	11	.....	11
Owen Sound	1	.....	1	28	.....	28	.....	.....	.....	.....	3	3
Pembroke	.....	.....	.....	10	.....	10	2	.....	2	.....	.....	.....
Perth	.....	.....	.....	6	.....	6	3	.....	3	2	.....	2
Peterboro	3	.....	3	10	1	11	1	.....	1	4	.....	4
Picton	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Catharines	.....	.....	.....	19	3	22	2	.....	2	.....	.....	.....
St. Thomas	.....	.....	.....	11	.....	11	4	.....	4	.....	.....	.....
Sandwich	.....	.....	.....	24	1	25	1	.....	1	.....	.....	.....
Sarnia	23	1	24	11	1	12	.....	.....	.....	.....	.....	.....
Simcoe	1	.....	1	9	.....	9	2	.....	2	.....	.....	.....
Stratford	.....	.....	.....	17	.....	17	6	.....	6	1	.....	1
Toronto*	.....	.....	.....	133	21	154	14	.....	14	2	1	3
Walkerton	.....	.....	.....	6	1	7	5	.....	5	.....	1	1
Welland	.....	.....	.....	18	1	19	2	.....	2	.....	.....	.....
Whitby	8	.....	8	26	.....	26	7	.....	7	.....	.....	.....
Woodstock	.....	.....	.....	11	.....	11	6	.....	6	3	.....	3
DISTRICT GAOLS												
Bracebridge	.....	.....	.....	2	.....	2	1	.....	1	.....	.....	.....
Fort Frances	.....	.....	.....	2	.....	2	2	.....	2	.....	.....	.....
Gore Bay	.....	.....	.....	6	.....	6	1	.....	1	.....	.....	.....
Haileybury	15	.....	15	103	5	108	6	.....	6	1	.....	1
Kenora	.....	.....	.....	37	2	39	9	.....	9	.....	.....	.....
North Bay	.....	.....	.....	47	3	50	2	.....	2	3	.....	3
Parry Sound	7	.....	7	14	2	16	.....	.....	.....	.....	.....	.....
Port Arthur	42	6	48	9	.....	9	.....	1	1	14	.....	14
Sault Ste. Marie	.....	.....	.....	15	.....	15	5	.....	5	.....	.....	.....
Sudbury	3	.....	3	72	1	73	12	.....	12	5	1	6
Totals	211	15	226	1,034	51	1,085	152	4	156	75	8	83

TABLE

Period of sentences; goals,

CITY and COUNTY GAOLS	6 months and under 9 months			9 months and under 12 months			12 months and under 24 months (2 years less 1 day)			Indeterminate and other sentences to Gaol, Reformatory or Industrial Farm			2 years and over to Penitentiary		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	...	...	...	...	...	...	4	...	4	38	...	38	...	...	...
Belleville	4	...	4	1	...	1	10	3	13	43	7	50	8	...	8
Brampton	4	...	4	1	...	1	3	...	3	9	...	9	1	...	1
Brantford	11	...	11	1	...	1	2	1	3	14	...	14	2	...	2
Brockville	10	2	12	2	...	2	4	...	4	10	1	11	4	...	4
Cayuga	1	...	1	...	...	...	1	...	1	2	...	2	...	...	...
Chatham	13	2	15	2	...	2	11	1	12	42	2	44	5	...	5
Cobourg	3	...	3	...	...	...	12	1	13	3	...	3	3	...	3
Cornwall	11	...	11	...	...	...	9	...	9	25	2	27	9	...	9
Goderich	6	...	6	...	...	...	8	...	8	...	2	2	2	...	2
Guelph	18	...	18	3	...	3	27	...	27	42	...	42	8	...	8
Hamilton*	11	1	12	3	1	4	49	...	49	203	20	223	51	1	52
Kingston	1	...	1	6	...	6	...	...	...	21	...	21	8	...	8
Kitchener	2	2	4	...	...	...	4	...	4	28	1	29	6	...	6
Lindsay	4	...	4	...	...	...	1	...	1	15	1	16	1	...	1
London	6	2	8	...	...	...	13	...	13	68	2	70	28	...	28
L'Orignal	3	...	3	..	..	..	4	..	4	6	...	6	8	...	8
Milton	2	...	2	...	...	...	4	...	4	5	...	5	6	...	6
Napanee	1	...	1	...	...	...	4	...	4	3	...	3	2	...	2
Orangeville	1	...	1	...	...	...	...	...	...	1	...	1	3	...	3
Ottawa	12	...	12	22	2	24	74	3	77	83	1	84	23	...	23
Owen Sound	...	...	...	...	...	...	...	...	...	9	...	9	1	...	1
Pembroke	3	1	4	...	...	..	1	...	1	13	3	16	6	1	7
Perth	3	...	3	1	...	1	...	...	...	4	...	4	3	...	3
Peterboro	...	...	...	...	...	...	8	...	8	11	1	12	4	...	4
Picton	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2
St. Catharines	7	...	7	...	...	...	8	...	8	7	..	7	9	...	9
St. Thomas	1	...	1	...	...	...	2	...	2	16	...	16	4	...	4
Sandwich	2	...	2	...	1	1	6	1	7	85	8	93	9	...	9
Sarnia	13	...	13	...	...	...	7	...	7	16	...	16	5	...	5
Simcoe	3	...	3	...	...	...	8	...	8	7	...	7	1	...	1
Stratford	9	...	9	2	...	2	8	...	8	...	3	3	4	...	4
Toronto*	25	5	30	5	1	6	17	1	18	204	8	212	75	...	75
Walkerton	3	...	3	...	...	...	8	...	8	10	2	12	3	...	3
Welland	2	2	4	...	...	...	2	...	2	46	...	46	8	1	9
Whitby	17	...	17	1	...	1	12	...	12	30	...	30	5	...	5
Woodstock	2	1	3	5	...	5	1	...	1	11	...	11	...	...	...
DISTRICT GAOLS															
Bracebridge	1	...	1	3	...	3	4	...	4	4	...	4	2	...	2
Fort Frances	4	...	4	...	...	...	4	...	4	...	...	...	2	...	2
Gore Bay	...	...	...	...	...	...	...	...	...	2	1	3	...	...	...
Haileybury	19	...	19	2	...	2	9	1	10	37	3	40	13	...	13
Kenora	11	...	11	1	...	1	...	...	...	...	...	...	4	...	4
North Bay	11	...	11	...	...	...	12	...	12	72	...	72	6	...	6
Parry Sound	2	...	2	...	...	...	6	...	6	6	...	6	3	...	3
Port Arthur	7	...	7	5	...	5	30	...	30	45	...	45	11	...	11
Sault Ste. Marie	12	1	13	2	...	2	8	1	9	15	6	21	6	...	6
Sudbury	13	...	13	...	...	...	11	1	12	62	13	75	20	...	20
Totals	294	19	313	68	5	73	416	14	430	1373	87	1460	384	3	387

* City Gaols.

No. 5 (Concluded)
reformatories, penitentiaries or elsewhere.

CITY and COUNTY GAOLS	Sentenced to death and executed			Sentenced to death but sentence commuted			Corporal punishment with imprisonment			Totals		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie							2		2	183	1	184
Belleville										332	14	346
Brampton										53	1	54
Brantford										160	7	167
Brockville							1		1	109	3	112
Cayuga							10		10	170	6	176
Chatham							2		2	361	25	386
Cobourg										128	1	129
Cornwall							1		1	218	8	226
Goderich										50	3	53
Guelph										176	8	184
Hamilton*							3		3	937	81	1018
Kingston										293	1	294
Kitchener										257	17	274
Lindsay										88	3	91
London							4		4	543	19	562
L'Orignal										112	3	115
Milton										91	5	96
Napanee										80	3	83
Orangeville										20		20
Ottawa							1		1	1,207	14	1,221
Owen Sound										98	4	102
Pembroke				1	1	2				167	6	173
Perth										145		145
Peterboro										186	8	194
Picton										50		50
St. Catharines							1		1	174	3	177
St. Thomas							1		1	163		163
Sandwich	2		2							568	23	591
Sarnia										177	8	185
Simcoe										129	2	131
Stratford							1		1	118	4	122
Toronto*							1		1	3,958	198	4,156
Walkerton										98	5	103
Welland							22		22	381	6	387
Whitby		1	1							248	5	253
Woodstock							4		4	164	4	168
DISTRICT GAOLS												
Bracebridge							2		2	61		61
Fort Frances										93	8	101
Gore Bay										36	5	41
Haileybury							3		3	608	28	636
Kenora										247	7	254
North Bay										547	21	568
Parry Sound							1		1	123	4	127
Port Arthur							1		1	590	20	610
Sault Ste. Marie										172	13	185
Sudbury										850	32	882
Totals	2	1	3	1	1	2	61		61	15,719	637	16,356

TABLE No. 6.

Number of cells, greatest, least and average number of Prisoners for year ending March 31, 1936.

CITY and COUNTY GAOLS	Number of cells	Greatest No. of prisoners in year	Least No. of prisoners in year	Average daily gaol population.	Number committed during year	Number paid for by province	Number paid for by municipalities.	Number of days stay government prisoners	Number of days stay municipal prisoners	Total number of days stay of all prisoners
Barrie	29	30	7	14.40	287	80	207	2,381	2,794	5,175
Belleville	24	44	12	24.87	447	86	361	3,735	5,371	9,106
Brampton	24	7	0	2.81	105	30	75	500	527	1,027
Brantford	32	22	5	12.78	256	51	205	1,463	3,217	4,680
Brockville	32	58	2	15.65	315	84	231	1,714	4,014	5,728
Cayuga	12	13	2	6.12	187	22	165	809	1,431	2,240
Chatham	42	40	10	24.55	430	113	317	2,209	6,779	8,988
Cobourg	23	19	3	8.71	183	56	127	1,827	1,361	3,188
Cornwall	18	37	6	17.22	258	127	131	3,516	2,788	6,304
Goderich	12	11	0	5.58	98	58	40	1,581	464	2,045
Guelph	18	19	4	9.88	219	87	132	1,333	2,284	3,617
Hamilton*	97	102	47	70.74	1,467	597	870	10,454	15,440	25,894
Kingston	59	36	6	19.67	378	145	233	3,281	3,918	7,199
Kitchener	47	40	8	20.80	413	75	338	1,910	5,701	7,611
Lindsay	36	15	1	7.08	107	57	50	1,788	804	2,592
London	68	58	19	37.84	898	233	665	4,983	8,867	13,850
L'Orignal	24	20	2	6.63	139	83	52	1,683	746	2,429
Milton	21	15	1	5.65	100	44	56	831	1,237	2,068
Napanee	21	15	0	4.00	112	36	76	858	609	1,467
Orangeville	23	6	1	2.71	41	11	30	157	787	944
Ottawa	85	88	35	61.65	1,865	363	1,502	9,813	12,751	22,564
Owen Sound	31	20	4	10.11	135	39	96	1,253	2,447	3,700
Pembroke	32	33	5	12.79	207	80	127	2,577	2,104	4,681
Perth	24	24	2	8.15	146	19	127	584	2,398	2,982
Peterboro	24	28	3	12.58	233	48	185	1,722	2,884	4,606
Picton	24	8	0	3.77	59	30	29	938	443	1,381
St. Catharines	43	25	5	11.62	216	49	167	1,205	3,048	4,253
St. Thomas	16	24	2	12.48	227	45	182	1,595	2,975	4,570
Sandwich	111	56	16	35.44	771	256	515	6,065	6,908	12,973
Sarnia	37	30	2	12.55	233	86	147	1,970	2,623	4,593
Simcoe	24	15	2	5.98	209	72	137	999	1,188	2,187
Stratford	27	36	2	11.01	203	74	129	1,865	2,165	4,030
Toronto*	276	228	94	167.12	7,584	1,665	5,919	15,418	45,748	61,166
Walkerton	24	19	1	9.90	129	64	65	1,819	1,507	3,326
Welland	51	37	6	21.22	458	163	295	3,660	4,106	7,766
Whitby	23	30	7	15.52	314	139	175	2,692	2,990	5,682
Woodstock	32	19	3	12.70	199	43	156	1,635	3,015	4,650
DISTRICT GAOLS										
Bracebridge	10	15	1	4.68	72	72	.....	1,714	.....	1,714
Fort Frances	10	16	1	6.57	151	151	.....	2,405	.....	2,405
Gore Bay	12	9	1	3.41	43	43	.....	1,247	.....	1,247
Haileybury	32	97	39	63.76	716	716	.....	23,336	.....	23,336
Kenora	28	38	14	24.69	311	260	51	8,777	261	9,038
North Bay	59	52	10	28.68	605	605	.....	10,497	.....	10,497
Parry Sound	22	24	3	11.47	156	156	.....	4,199	.....	4,199
Port Arthur	73	85	25	42.11	813	230	583	5,600	9,814	15,414
Sault Ste. Marie	23	32	9	20.74	260	260	.....	7,592	.....	7,592
Sudbury	69	80	24	49.79	1,298	1,298	.....	18,222	.....	18,222
Totals	1,884				24,053	9,101	14,948	186,412	178,514	364,926

* City Gaols.

TABLE No. 6A.

Maintenance and Average Costs of each Prisoner and the Total Costs for year ending March 31, 1936.

CITY and COUNTY GAOLS	Cost of fuel, food and clothing	Total of officials' salaries	Cost of repairs	Total gaol expenditure for maintenance for the year	Average Cost of each prisoner per day	Average cost per day for fuel food and clothing	Daily per capita dietary cost
Barrie	$ 2,203.50	$ 3,490.00	$ 2,132.49	$ 7,825.99	$ 1.51	$ .4257	$ .1453
Belleville	3,465.83	3,170.00	118.65	6,754.48	.74	.3806	.1186
Brampton	748.01	1,695.00	289.93	2,732.94	2.66	.7283	.1371
Brantford	810.90	6,571.60	300.00	7,682.50	1.64	.7327	.1403
Brockville	1,508.99	2,458.71	225.25	4,189.95	.73	.2634	.1349
Cayuga	562.11	2,240.00	.....	2,802.11	1.25	.2527	.0954
Chatham	3,194.23	4,857.66	929.00	8,980.89	1.00	.3443	.0980
Cobourg	2,664.92	2,422.25	746.76	5,833.93	1.83	.8359	.1341
Cornwall	2,264.65	4,953.70	206.45	7,424.80	1.18	.3592	.1241
Goderich	1,325.49	2,175.00	23.51	3,524.00	1.72	.6481	.0999
Guelph	2,173.17	3,699.25	.....	5,872.42	1.62	.6008	.1887
Hamilton*	6,993.00	17,459.00	654.00	25,106.00	.97	.2701	.1805
Kingston	2,992.38	4,176.00	683.15	7,851.53	1.09	.4156	.1229
Kitchener	3,039.33	4,214.40	35.46	7,289.19	.96	.3993	.1337
Lindsay	1,074.89	2,614.25	102.16	3,791.30	1.46	.4145	.1184
London	2,753.89	13,239.51	319.00	16,312.40	1.18	.1988	.1294
L'Orignal	1,277.16	2,484.30	1,073.17	4,834.63	1.99	.5258	.1800
Milton	710.71	1,980.00	89.16	2,779.89	1.34	.3436	.1106
Napanee	792.16	1,827.50	14.99	2,634.65	1.80	.5400	.1393
Orangeville	927.49	2,725.00	446.52	4,099.01	4.34	.9825	.1230
Ottawa	12,652.73	13,222.30	1,381.57	27,266.60	1.21	.5612	.1673
Owen Sound	1,974.57	2,945.50	50.00	4,970.07	1.34	.5337	.1209
Pembroke	1,203.56	3,733.00	.....	4,936.56	1.05	.2571	.1144
Perth	1,474.91	2,700.00	118.97	4,293.88	1.44	.4946	.1429
Peterboro	1,697.78	2,732.00	112.74	4,542.52	.99	.3686	.1256
Picton	1,165.02	1,107.22	64.01	2,337.30	1.69	.8504	.1652
St. Catharines	2,897.06	2,635.00	37.81	5,569.87	1.31	.6812	.1593
St. Thomas	2,303.51	5,181.85	102.31	7,587.67	1.66	.5041	.1483
Sandwich	4,631.82	12,136.00	1,203.67	17,971.49	1.39	.3570	.1200
Sarnia	1,553.20	3,761.50	693.71	6 008.41	1.31	.3382	.1209
Simcoe	1,057.01	2,530.00	553.92	4,150.93	1.90	.4879	.1435
Stratford	2,040.53	2,716.50	48.55	4,805.58	1.19	.5063	.1014
Toronto*	18,749.39	53,313.78	1,731.54	73,794.71	1.21	.3065	.1164
Walkerton	1,168.95	1,805.20	.....	2,974.15	.89	.3514	.1265
Welland	2,766.08	4,749.00	452.11	7,967.19	1.03	.3561	.1603
Whitby	2,745.98	2,865.85	413.50	6,025.33	1.06	.4833	.1316
Woodstock	2,545.20	3,164.80	609.97	6,319.97	1.36	.5474	.1172
DISTRICT GAOLS							
Bracebridge	408.53	1,550.00	19.21	1,977.74	1.15	.2383	.1277
Fort Frances	561.76	3,656.25	362.61	4,580.62	1.90	.2335	.1273
Gore Bay	740.00	1,380.00	12.00	2,132.00	1.71	.5934	.1637
Haileybury	5,282.49	9,149.45	.....	14,431.94	.62	.2263	.1253
Kenora	4,100.45	7,389.58	108.06	11,598.09	1.28	.4537	.1390
North Bay	3,287.13	8,155.44	187.34	11,629.91	1.11	.3131	.1112
Parry Sound	1,195.42	4,027.50	43.00	5,265.92	1.25	.2847	.1507
Port Arthur	7,345.60	10,451.25	.....	17,796.85	1.16	.4766	.1573
Sault Ste. Marie	4,511.22	5,462.60	.....	9,973.82	1.31	.5942	.1720
Sudbury	6,286.84	9,350.00	100.00	15,736.84	.86	.3450	.1569
Totals	$137,850.55	$270,324.70	$16,796.25	$424,968.57	1.165	.3777	.136

TABLE
MOVEMENT OF

CITY and COUNTY GAOLS	Number remaining in custody on remand on Mar. 31st, 1935			Number remaining in custody awaiting trial on Mar. 31st, 1935			Number remaining in custody serving unexpired sentences or for other reasons on Mar. 31st, 1935			Number committed during the year ending March 31st, 1936		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	.....	1	1	.....	.....	.....	11	.....	11	281	6	287
Belleville	5	.....	5	.....	.....	.....	20	3	23	428	19	447
Brampton	.....	.....	.....	.....	.....	.....	.....	.....	.....	101	4	105
Brantford	3	.....	3	.....	.....	.....	12	.....	12	242	14	256
Brockville	.....	.....	.....	.....	.....	.....	5	.....	5	304	11	315
Cayuga	.....	.....	.....	.....	.....	.....	7	.....	7	178	9	187
Chatham	7	.....	7	.....	.....	.....	20	.....	20	400	30	430
Cobourg	.....	.....	.....	2	.....	2	8	1	9	177	6	183
Cornwall	4	.....	4	.....	.....	.....	16	.....	16	249	9	258
Goderich	.....	.....	.....	1	.....	1	3	.....	3	92	6	98
Guelph	.....	.....	.....	.....	.....	.....	.....	.....	.....	211	8	219
Hamilton*	17	.....	17	2	.....	2	36	1	37	1,338	129	1,467
Kingston	.....	.....	.....	1	.....	1	12	.....	12	372	6	378
Kitchener	2	1	3	.....	.....	.....	17	1	18	385	28	413
Lindsay	.....	.....	.....	.....	.....	.....	4	.....	4	102	5	107
London	4	1	5	.....	.....	.....	31	4	35	856	42	898
L'Orignal	1	.....	1	.....	.....	.....	10	.....	10	135	4	139
Milton	.....	.....	.....	3	.....	3	2	.....	2	95	5	100
Napanee	1	.....	1	.....	.....	.....	1	.....	1	110	2	112
Orangeville	.....	.....	.....	.....	.....	.....	3	.....	3	41	.....	41
Ottawa	31	1	32	.....	.....	.....	44	3	47	1,820	45	1,865
Owen Sound	2	.....	2	.....	.....	.....	17	1	18	130	5	135
Pembroke	.....	.....	.....	1	.....	1	11	.....	11	201	6	207
Perth	2	1	3	.....	.....	.....	.....	.....	.....	146	.....	146
Peterboro	1	.....	1	.....	.....	.....	14	2	16	217	16	233
Picton	3	.....	3	3	.....	3	1	.....	1	59	.....	59
St. Catharines	5	1	6	.....	.....	.....	11	.....	11	212	4	216
St. Thomas	7	.....	7	1	.....	1	15	.....	15	226	1	227
Sandwich	9	1	10	1	.....	1	13	.....	13	726	45	771
Sarnia	3	.....	3	.....	.....	.....	8	.....	8	219	14	233
Simcoe	7	.....	7	1	.....	1	.....	.....	.....	205	4	209
Stratford	.....	.....	.....	.....	.....	.....	11	.....	11	196	7	203
Toronto*	53	5	58	14	1	15	65	5	70	7,101	483	7,584
Walkerton	.....	.....	.....	.....	1	1	4	.....	4	124	5	129
Welland	.....	1	1	.....	.....	.....	17	.....	17	448	10	458
Whitby	1	.....	1	.....	.....	.....	11	.....	11	304	10	314
Woodstock	5	.....	5	.....	.....	.....	10	.....	10	195	4	199
DISTRICT GAOLS												
Bracebridge	1	.....	1	.....	.....	.....	.....	.....	.....	72	.....	72
Fort Frances	.....	.....	.....	2	.....	2	3	.....	3	139	12	151
Gore Bay	.....	.....	.....	.....	.....	.....	.....	.....	.....	36	7	43
Haileybury	1	.....	1	1	.....	1	57	3	60	687	29	716
Kenora	2	.....	2	1	.....	1	16	1	17	293	18	311
North Bay	2	.....	2	1	.....	1	24	2	26	580	25	605
Parry Sound	.....	.....	.....	1	.....	1	11	.....	11	151	5	156
Port Arthur	6	.....	6	.....	.....	.....	28	1	29	761	52	813
Sault Ste. Marie	.....	.....	.....	1	1	2	19	3	22	241	19	260
Sudbury	2	3	5	.....	.....	.....	50	2	52	1,220	78	1,298
Totals	187	16	203	37	3	40	678	33	711	22,805	1,248	24,053

* City Gaols.

No. 7.

GAOL POPULATION.

CITY and COUNTY GAOLS	Total number in custody during year			Number discharged on bail			Number acquitted and discharged			Number discharged by order of judge or court without trial		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	292	7	299	17	2	19	19	2	21	2	....	2
Belleville	453	22	475	10	2	12	78	1	79	16	....	16
Brampton	101	4	105	1	...	1	11	....	11	5	....	5
Brantford	257	14	271	18	2	20	50	4	54	1	....	1
Brockville	309	11	320	6	...	6	22	3	25	.....	.....	.....
Cayuga	185	9	194	1	...	1	8	3	11	.....	.....	.....
Chatham	427	30	457	12	1	13	23	4	27	.....	.....	.....
Cobourg	187	7	194	27	2	29	14	....	14	.....	.....	.....
Cornwall	269	9	278	7	...	7	9	....	9	.....	1	1
Goderich	96	6	102	31	2	33	1	....	1	1	....	1
Guelph	211	8	219	9	...	9	22	....	22	.....	.....	.....
Hamilton*	1,393	130	1,523	54	7	61	196	22	218	18	....	18
Kingston	385	6	391	3	...	3	19	2	21	.....	.....	.....
Kitchener	404	30	434	1	...	1	77	7	84	1	....	1
Lindsay	106	5	111	11	...	11	.....	.....	.....	2	....	2
London	891	47	938	27	1	28	200	17	217	.....	.....	.....
L'Orignal	135	4	139	4	...	4	21	....	21	7	....	7
Milton	100	5	105	.....	.....	.....	3	....	3	1	....	1
Napanee	112	3	115	7	...	7	12	....	12	6	....	6
Orangeville	44	.....	44	10	...	10	.....	.....	.....	11	....	11
Ottawa	1,895	49	1,944	68	5	73	402	26	428	.....	.....	.....
Owen Sound	149	6	155	3	...	3	8	....	8	3	....	3
Pembroke	213	6	219	8	...	8	1	....	1	.....	.....	.....
Perth	148	1	149	.....	.....	.....	8	....	8	.....	.....	.....
Peterboro	232	18	250	6	1	7	20	6	26	.....	.....	.....
Picton	59	.....	59	.....	.....	.....	2	....	2	.....	.....	.....
St. Catharines	228	5	233	1	...	1	29	1	30	.....	.....	.....
St. Thomas	249	1	250	22	...	22	17	....	17	12	....	12
Sandwich	749	46	795	78	8	86	48	8	56	10	....	10
Sarnia	230	14	244	10	...	10	13	4	17	5	....	5
Simcoe	213	4	217	3	...	3	23	1	24	1	....	1
Stratford	207	7	214	16	1	17	.....	.....	.....	1	....	1
Toronto*	7,233	494	7,727	1,311	105	1,416	.....	.....	.....	1,441	166	1,607
Walkerton	128	6	134	20	...	20	2	....	2	.....	.....	.....
Welland	465	11	476	47	...	47	16	4	20	1	....	1
Whitby	316	10	326	40	2	42	6	1	7	10	....	10
Woodstock	209	5	214	28	...	28	3	1	4	.....	.....	.....
DISTRICT GAOLS												
Bracebridge	73	.....	73	2	...	2	3	....	3	6	....	6
Fort Frances	144	12	156	27	1	28	13	3	16	.....	.....	.....
Gore Bay	36	7	43	.....	.....	.....	1	1	2	1	....	1
Haileybury	746	32	778	2	...	2	7	1	8	26	....	26
Kenora	312	19	331	4	...	4	41	10	51	3	1	4
North Bay	607	27	634	4	...	4	21	2	23	6	2	8
Parry Sound	163	5	168	8	...	8	.....	.....	.....	.....	.....	.....
Port Arthur	795	53	848	2	...	2	70	8	78	.....	.....	.....
Sault Ste. Marie	261	23	284	2	...	2	.....	.....	.....	66	6	72
Sudbury	1,272	83	1,355	87	17	104	3	....	3	94	9	103
Totals	23,689	1,301	24,990	2,055	159	2,214	1,542	142	1,684	1,757	185	1,942

TABLE
MOVEMENT OF

CITY and COUNTY GAOLS	Number with option of a fine or gaol term who paid fines and where discharged			Number discharged on suspended sentences			Number discharged for any other reason		
	M.	F.	T.	M.	F.	T	M.	F.	T.
Barrie	28	.....	28	14	2	16	9	1	10
Belleville	12	1	13	13	.....	13	3	.....	3
Brampton	18	.....	18	13	.....	13	2	1	3
Brantford	11	.....	11	9	1	10	16	.....	16
Brockville	16	1	17	12	3	15	6	.....	6
Cayuga	1	.....	1	7	.....	7	1	.....	1
Chatham	6	2	8	52	3	55	.....	.....	.....
Cobourg	8	.....	8	45	.....	45	1	.....	1
Cornwall	17	.....	17	30	1	31	30	1	31
Goderich	6	.....	6	6	2	8	.....	.....	.....
Guelph	14	.....	14	5	.....	5	5	.....	5
Hamilton*	39	1	40	135	11	146	36	.....	36
Kingston	21	.....	21	23	3	26	24	.....	24
Kitchener	47	3	50	46	4	50	13	.....	13
Lindsay	9	.....	9	12	.....	12	2	2	4
London	43	4	47	.....	.....	.....	101	6	107
L'Orignal	3	.....	3	2	.....	2	6	.....	6
Milton	6	.....	6	14	1	15	1	.....	1
Napanee	5	.....	5	7	1	8	2	1	3
Orangeville	4	.....	4	2	.....	2	2	.....	2
Ottawa	18	.....	18	136	2	138	23	.....	23
Owen Sound	12	.....	12	7	.....	7	23	.....	23
Pembroke	2	.....	2	6	.....	6	29	.....	29
Perth	9	.....	9	4	.....	4	5	.....	5
Peterboro	12	.....	12	10	1	11	5	.....	5
Picton	1	.....	1	8	.....	8	5	.....	5
St. Catharines	8	.....	8	5	1	6	12	.....	12
St. Thomas	15	.....	15	19	.....	19	6	.....	6
Sandwich	45	4	49	84	3	87	25	5	30
Sarnia	17	2	19	115	6	121	31	.....	31
Simcoe	57	1	58	21	1	22	15	1	16
Stratford	10	.....	10	35	.....	35	27	2	29
Toronto*	252	25	277	94	4	98	51	.....	51
Walkerton	7	.....	7	8	2	10	3	.....	3
Welland	12	1	13	41	.....	41	8	1	9
Whitby	17	.....	17	25	1	26	.....	.....	.....
Woodstock	7	.....	7	27	1	28	1	.....	1
DISTRICT GAOLS									
Bracebridge	9	.....	9	1	.....	1	.....	.....	.....
Fort Frances	30	2	32	17	1	18	.....	.....	.....
Gore Bay	3	.....	3	.....	.....	.....	1	.....	1
Haileybury	2	.....	2	3	.....	3	13	.....	13
Kenora	7	.....	7	2	.....	2	.....	1	1
North Bay	27	.....	27	20	5	25	1	.....	1
Parry Sound	12	.....	12	5	.....	5	13	1	14
Port Arthur	50	6	56	31	3	34	64	20	84
Sault Ste. Marie	6	1	7	.....	.....	.....	5	.....	5
Sudbury	124	11	135	23	2	25	38	8	46
Totals	1,085	65	1,150	1,194	65	1,259	664	51	715

* City gaols.

No. 7 (Continued).

GAOL POPULATION.

CITY and COUNTY GAOLS	Number discharged on expiration of sentence			Number transferred to (Provincial Penal) Institutions			Number sentenced and deported direct from gaol		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	132	.....	132	51	.....	51	.....	.....	.....
Belleville	244	4	248	61	14	75	.....	.....	.....
Brampton	28	.....	28	22	3	25	.....	.....	.....
Brantford	104	4	108	40	3	43	.....	.....	.....
Brockville	199	1	200	41	3	44	.....	.....	.....
Cayuga	154	2	156	9	4	13	.....	.....	.....
Chatham	251	14	265	57	6	63	1	.....	1
Cobourg	55	1	56	31	4	35	.....	.....	.....
Cornwall	110	.....	110	55	6	61	.....	.....	.....
Goderich	24	.....	24	21	2	23	.....	.....	.....
Guelph	58	8	66	84	.....	84	.....	.....	.....
Hamilton*	515	52	567	337	29	366	.....	.....	.....
Kingston	217	1	218	66	.....	66	.....	.....	.....
Kitchener	136	2	138	56	12	68	.....	.....	.....
Lindsay	47	2	49	19	1	20	.....	.....	.....
London	383	14	397	84	5	89	4	.....	4
L'Orignal	58	3	61	22	1	23	.....	.....	.....
Milton	56	3	59	14	1	15	1	.....	1
Napanee	51	.....	51	13	1	14	.....	.....	.....
Orangeville	8	.....	8	5	.....	5	.....	.....	.....
Ottawa	1,081	9	1,090	118	7	125	1	.....	1
Owen Sound	65	1	66	24	5	29	.....	.....	.....
Pembroke	140	1	141	21	5	26	.....	.....	.....
Perth	108	1	109	12	.....	12	.....	.....	.....
Peterboro	148	6	154	22	2	24	.....	.....	.....
Picton	26	.....	26	10	.....	10	.....	.....	.....
St. Catharines	133	.....	133	30	.....	30	1	.....	1
St. Thomas	108	.....	108	37	1	38	4	.....	4
Sandwich	295	4	299	118	11	129	2	.....	2
Sarnia	1	.....	1	.....	.....	.....	1	.....	1
Simcoe	55	.....	55	31	.....	31	.....	.....	.....
Stratford	61	1	62	37	3	40	.....	.....	.....
Toronto*	1,614	98	1,712	2,330	83	2,413	4	1	5
Walkerton	61	1	62	16	3	19	.....	.....	.....
Welland	240	.....	240	67	5	72	3	.....	3
Whitby	152	3	155	53	2	55	1	.....	1
Woodstock	99	2	101	32	.....	32	.....	.....	.....
DISTRICT GAOLS									
Bracebridge	33	.....	33	16	.....	16	.....	.....	.....
Fort Frances	37	3	40	16	1	17	.....	.....	.....
Gore Bay	24	3	27	5	2	7	.....	.....	.....
Haileybury	503	15	518	96	15	111	1	.....	1
Kenora	212	4	216	24	3	27	.....	.....	.....
North Bay	336	8	344	161	9	170	1	.....	1
Parry Sound	96	4	100	25	.....	25	.....	.....	.....
Port Arthur	363	14	377	145	.....	145	4	.....	4
Sault Ste. Marie	129	5	134	35	8	43	.....	.....	.....
Sudbury	430	11	441	401	21	422	.....	.....	.....
Totals	9,380	305	9,685	4,970	281	5,251	29	1	30

TABLE
MOVEMENT OF

CITY and COUNTY GAOLS	Died before trial			Died while undergoing sentence			Escaped and not recaptured during year			Number remaining in custody on remand March 31st, 1936		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	1		1				1		1	2		2
Belleville										4		4
Brampton												
Brantford												
Brockville												
Cayuga										4		4
Chatham												
Cobourg												
Cornwall												
Goderich										3		3
Guelph												
Hamilton*	1		1							10	5	15
Kingston												
Kitchener							1		1	3	1	4
Lindsay												
London										2		2
L'Orignal							1		1	1		1
Milton												
Napanee										1		1
Orangeville												
Ottawa										16		16
Owen Sound												
Pembroke										1		1
Perth												
Peterboro										4		4
Picton										3		3
St. Catharines										2		2
St. Thomas												
Sandwich										12	2	14
Sarnia				1		1				6	2	8
Simcoe										1		1
Stratford										4		4
Toronto*										33	3	36
Walkerton										2		2
Welland										2		2
Whitby				1		1				4		4
Woodstock										3		3
DISTRICT GAOLS												
Bracebridge												
Fort Frances												
Gore Bay												
Haileybury				2		2				6		6
Kenora							1		1			
North Bay												
Parry Sound							1		1			
Port Arthur										6		6
Sault Ste. Marie												
Sudbury										6	3	9
Totals	2		2	4		4	5		5	141	16	157

* City Gaols.

No. 7 (Concluded).

GAOL POPULATION

CITY and COUNTY GAOLS	Number remaining in custody awaiting trial March 31, 1936			Number remaining in custody serving unexpired sentences March 31, 1936			Totals		
	M.	F.	T.	M.	F.	T.	Male	Female	Total
Barrie				16		16	292	7	299
Belleville				12		12	453	22	475
Brampton				1		1	101	4	105
Brantford				8		8	257	14	271
Brockville				7		7	309	11	320
Cayuga				4		4	185	9	194
Chatham				21		21	427	30	457
Cobourg				6		6	187	7	194
Cornwall	1		1	10		10	269	9	278
Goderich				3		3	96	6	102
Guelph				14		14	211	8	219
Hamilton*				52	3	55	1,393	130	1,523
Kingston	1		1	11		11	385	6	391
Kitchener				23	1	24	404	30	434
Lindsay				4		4	106	5	111
London				47		47	891	47	938
L'Orignal				10		10	135	4	139
Milton				4		4	100	5	105
Napanee				8		8	112	3	115
Orangeville				2		2	44		44
Ottawa				32		32	1,895	49	1,944
Owen Sound				4		4	149	6	155
Pembroke				5		5	213	6	219
Perth				2		2	148	1	149
Peterboro				5	2	7	232	18	250
Picton	3		3	1		1	59		59
St. Catharines				8	3	11	228	5	233
St. Thomas	1		1	6		6	249	1	250
Sandwich	2		2	30	1	31	749	46	795
Sarnia				12		12	230	14	244
Simcoe				5		5	213	4	217
Stratford				16		16	207	7	214
Toronto*	6		6	97	9	106	7,233	494	7,727
Walkerton	1		1	8		8	128	6	134
Welland				28		28	465	11	476
Whitby				7	1	8	316	10	326
Woodstock				9	1	10	209	5	214
DISTRICT GAOLS									
Bracebridge				3		3	73		73
Fort Frances	2	1	3	2		2	144	12	156
Gore Bay				1	1	2	36	7	43
Haileybury	6		6	79	1	80	746	32	778
Kenora				18		18	312	19	331
North Bay				30	1	31	607	27	634
Parry Sound				3		3	163	5	168
Port Arthur	2		2	58	1	59	795	53	848
Sault Ste. Marie	3		3	15	3	18	261	23	284
Sudbury				66	1	67	1,272	83	1,355
Totals	28	1	29	813	29	842	23,689	1,301	24,990

REPORT

OF THE

Minister of Public Welfare

Province of Ontario

FOR FISCAL YEAR

1935 - 1936

PRINTED BY ORDER OF

THE LEGISLATIVE ASSEMBLY OF ONTARIO

SESSIONAL PAPER No. 19. 1937

ONTARIO

TORONTO

Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty

1937

TO THE HONOURABLE

The Lieutenant-Governor.

I have the honour to present to you the report of the Department of Public Welfare for the year April 1st, 1935, to March 31st, 1936.

DAVID A. CROLL.

Minister of Welfare.

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Report of
THE MINISTER OF PUBLIC WELFARE
For Fiscal Year 1935-1936

In presenting this Report to his Honour, the Lieutenant-Governor, Dr. Herbert Bruce, may I be permitted to point out that this is the fifth annual report of the Department of Welfare. The report immediately preceding covered only that portion of the year from November 1st, 1934, to March 31st, 1935. Such arrangement was necessary to meet the requirements of the newly determined fiscal year.

While, perforce, any Welfare Department must be concerned in the physical well-being of the people, there are other functions, not generally recognized, which it must perform, if it would serve the best interests of humanity.

Undoubtedly where governments assume responsibility for social welfare, the inevitable concomitants are an increasing willingness on the part of the recipients to become increasingly dependent, and for those formerly active in benevolence to abandon their humanitarian interests and to assume that the care of the improvident or needy is the business of the Government.

These conditions both indicate a definite loss of morale. To administer relief and welfare so as to foster the characteristically Canadian spirit of independence, to retain the desire to be self-sustaining in those forced to accept relief, and to maintain a constant co-operation between private benevolence and government responsibility has throughout the past year been a dominant motive in the administration of this Department.

MOTHERS' ALLOWANCES

The outstanding development for the year in the administration of this Branch was the amendment to the Mothers' Allowance Act making the mother with one child the unit of eligibility.

In the original framing of the Act the mother with one child was excluded. She often had a little insurance or found a home for herself and child with her parents, or managed to get along somehow. Observation of the results attendant upon the mother and two children unit disclosed that the work of establishing the family was never completed. After the other members of the family had been provided for there was always the one child left handicapped by inadequate training. The amendment making the protection for the mother with one child removed that element of unfairness. As a result 2688 new families were added to the list and 1417 families whose allowances would have lapsed were retained.

The Act has been in operation for sixteen years and we have not yet reached the peak load. The officials of the Department experienced in the administration of the Act see no sign that a peak load is being reached. There is a fairly regular annual increase.

A study of the possibility of prevention would indicate that health, education and more easily available medical care and protection would undoubtedly prolong the working period of many who are now permanently unemployable and increase the life period of many having family responsibility.

The cost of the administration of this Act is 2.5% of the amount expended in the way of allowances. A very low cost indeed.

OLD AGE PENSIONS

During the year reviewed in this report $11,345,331.99 were distributed to Old Age Pensioners in this province. The end of the year saw 54,040 on the payroll. During this period 9582 new applications were considered by the Commission, 1071 being refused, and 3540 appeals for increase or re-instatement were dealt with.

With this ever increasing volume of business, changes are necessary to maintain and improve the effectiveness of our organization. Through a questionnaire form an effort is made to contact every pensioner through the year. An improved method of producing the immense monthly payroll has resulted in noteworthy time saving. A new form of reconciliation statement facilitating the checking of the 87 sections of the list has been found most satisfactory and the installation of a system of audit whereby every pension granted is examined as to accuracy of fact and calculation reduces to the minimum the possibility of error.

There is nothing in the number of applications coming before the Commission to indicate that we have reached the peak load. Cancellations from death or other causes are still approximately twenty-five hundred less than the additions to the pension list. Because of the numbers out of employment during the last few years we are bound to have those who will have no opportunity to make provision for old age and who of necessity must be assisted by the Old Age Pension.

A peculiar working of the Farm Debt Adjustment Act might be noted here. Formerly a loan secured by farm property was considered most adequately secure and not infrequently farmers who have been unable to pay principal or interest on such loans now appeal for adjustment and the value of the loan is adjusted downwards, accumulated unpaid interest is wiped out, the rate of interest reduced and the date of repayment advanced.

In several cases persons thus deprived of a portion of their interest and principal have been forced to ask for Old Age Pension.

CHILDREN'S AID SOCIETIES

The results of the first full year's operations of the Children's Aid Societies under the regulations of 1934 are indicative of a splendid response for improved child welfare activity. Thirty-one Societies improved their grade standing during the year by adopting the policy of employing trained officials, improved and complete records, better ward supervision and closer co-operation with municipalities in the matter of financing.

Preventive service is the keynote of the new trend in child welfare work. The degree of effectiveness attained may well be measured by the number of wards made by the Societies. During the year 23,393 children were dealt with, and out of this number it was found necessary to make only 490 permanent wards, 608 temporary wards, and to extend wardship in 438 cases.

The improved organization in various societies has afforded increased opportunity for visiting wards in foster homes. A most desirable condition. Adoptions maintain an upward trend.

INDUSTRIAL SCHOOLS

Early in 1936 I decided to close the Alexandra Industrial School for Girls, and to transfer as many as possible to the Galt School, and to place the remainder in carefully selected foster homes.

Through the excellent co-operation of the staffs of the two schools with the Department this difficult task was speedily accomplished. We are thus left with three Industrial Schools.—St. Joseph's, St. John's and St. Mary's.

The difficulties attendant upon this work, that of establishing standards in the minds of the boys and girls resident in the schools and the development of habits of self-control, are increased by delay in sending the boys and girls to the school.

The Act requires that they shall not be committed to the school until other opportunities for training have been given. If, however, there is too great a delay in commitment habits difficult to change are established.

Under present conditions of commitment the question of mentality cannot be considered. We thus have a few whom the schools find it very difficult, not being equipped for the purpose, to assist occupationally.

The staffs are keenly interested and try to meet the situation as best possible with the means at hand.

The three Roman Catholic Industrial Schools have a combined total residence of approximately 230. Brother Conrad has been made Superintendent of the Boys' School at Alfred, and has introduced an excellent apprenticeship system for vocational training. Most of the boys in this school are bilingual and careful attention is given to the study and use of both English and French.

The St. John's Industrial School, Toronto, needs improved accommodation. The spirit of the school is excellent and the occupational training afforded is satisfactory.

The St. Mary's Industrial School, Toronto, has improved its methods of placement through the employment of a regular Placement Officer. The religious motivation to right conduct is strongly stressed. The school is handicapped by the limited space available in its crowded environment.

TRAINING SCHOOLS

The Training School for Girls, Galt, and the Training School for Boys, Bowmanville, are receiving residents largely through commitments, but a few are admitted to the school on the approval of the Advisory Board.

The transference of the boys from the Victoria Industrial School, Mimico, to Bowmanville has thrust a new problem on the staff of this latter school; namely, the formulating of methods of dealing with boys with an Intelligence Quotient of less than 80. Consequently an auxiliary class is in full swing.

Leather work, barbering, pressing and cleaning, as affording occupational training, have been added to the course and somewhat more rigorous methods for older boys in discipline and occupation have been adopted.

In addition to a Departmental inspection the local County Public School Inspector visits the school and an excerpt from his report on this year's inspection follows:

A. School Accommodations	Are of a high order and well kept.
B. Grading Pupils	Satisfactory.
C. Management	Very commendable.
D. Progress	Satisfactory as a whole.
E. Superintendent and Staff	To be complimented on the spirit of co-operation existing between the members and between the boys and teachers.

It was anticipated, of course, that the transfer of girls from the Alexandra School to Galt would create new problems for the staff of the latter school. It was

necessary to provide new teaching methods for some of lower mentality, to arrange for new occupational activities, and to increase the placement staff so as to afford more supervision for wards of the school in work and foster homes. These things have been done through the unremitting endeavours of the staff.

ADVISORY BOARD

The Advisory Board under the Chairmanship of Mr. C. L. Burton meets weekly and is rendering valuable assistance in the solution of the problems arising from principles of administration, ideals in training and the adjustment of specific conduct cases. This is a voluntary service rendered by persons who are interested in social welfare and is a most valuable contribution.

REFUGES

Two years ago this Department began an education programme for Boards of Management, Superintendent and the public generally in regard to standards of accommodating satisfactory equipment and homelike atmosphere essential to the well-being of the residents of these institutions.

Excellent progress has been made. The response has been most satisfactory and the Boards with the approval of the Municipal Councils or other governing bodies have given themselves whole heartedly to the improvement of the Refuges and the lives of many unwanted aged have been greatly sweetened. Still further improvement and wider interest are anticipated.

SOLDIERS' AID COMMISSION

The re-organization of this Commission and the realignment of its work, as was expected, gave rise to special requirements. The closing of the hostel and the removal of the wards therefrom to foster homes and places of employment demanded special supervision and the Commission engaged Miss Atkey to undertake this task for the year. The work was well done. In addition to regular supervision Wednesday afternoon conferences with the wards were established and these led not infrequently to more satisfactory social and occupational adjustments.

A valuable assistance has been rendered to the veterans through the publication of a hand book for veterans. The book sets forth in detail the organizations established to assist veterans and the scope of each organization. This must undoubtedly prevent wasteful overlapping and unnecessary suffering.

The Trust Funds now in the hands of the Commission are in excellent shape, and the continued activity of the Commission is guaranteed.

ONTARIO SOCIETY FOR CRIPPLED CHILDREN

This Society is not a government organization but it is assisted by a substantial Government Grant and because of that part of its activities are summarized in this report.

Comparatively new lines of endeavour by this organization are the work of the prevention of the causes of crippling by the dissemination of information as to the possibilities of prevention and the development of plans for the rehabilitation, where possible, of those who are suffering through being crippled.

The work of the Society is largely done through the welfare programmes of Service Clubs. The ever increasing number of Clubs assuming responsibility and the ever increasing number of children receiving assistance attest the effectiveness of the organization.

UNEMPLOYMENT RELIEF BRANCH

While Unemployment Relief is still engaging our attention as a major problem, the current trends in business and industry, and our experience of the past year, entitles us to a measure of confidence in entering another year. Large centres, such as Toronto, Hamilton, London, Windsor and Stratford, are a few of those showing steady decrease in numbers on relief compared to previous years.

The increased activity in mining and lumbering has reacted favourably in reducing the numbers on relief in the Northern sections of the Province, while increased industrial activity and better crops and prices for farm produce have had a similar effect in the reduction of relief rolls in Southern Ontario. A number of smaller communities in their monthly returns show only unemployable persons in receipt of relief. I believe this will be true in a larger number of places during the coming year.

The Dominion grant-in-aid was reduced 25% during the year 1936. We were able to absorb all but 7½% of this year.

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PART 1

APPENDIX A

Report of
The Old Age Pensions Commission

April 1st, 1935 — March 31st, 1936

The Old Age Pension list continues to grow. The payroll at the end of March 31st, 1936, numbered 54,040. It is not easy to give an adequate statement of the complex detail involved in the handling of applications and pensions. It would be quite erroneous to assume that because pension has been granted that the matter ends there until the demise of the pensioner.

The taking of an application involves both time and care. People are amazingly devoid of their own records and not infrequently forget even the date of birth and the place of early residence. In the absence of birth or baptismal certificates, Bible or family records, our final court of appeal as to the date of birth is the Census Bureau, Ottawa. This requires the completion of forms and the waiting for information.

As the pensioner must establish twenty years residence in Canada, the statements and affidavits as to residence must be carefully scanned. Not infrequently a pensioner has lived in several provinces within the Dominion during the last twenty years and as each pensionable province in which he has lived is called upon to pay part of the pension, residence in each province must be established by an affidavit acceptable to that province, and this again involves time and the completion of forms.

The Old Age Pensions Act requires that the applicant be a British subject either by birth or naturalization. There have been many changes in the Naturalization Act, and there are many residents who think they are naturalized citizens who find on application for pension that they have not met the requirements of the Act. This again requires correspondence and Federal Departments must be asked to search for records. If there are no records, naturalization must be applied for and once more time is required.

As a pensioner is allowed an income of $365.00 a year, inclusive of the Old Age Pension, the determination of income is a matter of vital importance. Many applicants have, of course, no assets and the decision is comparatively easy. Assets of applicants not infrequently consist of equity in property and several hundred dollars in the bank. It should be borne in mind that where there is a spouse the income, exclusive of the Old Age Pension, must be equally divided. Under the conditions noted above five percent of the property equity plus the Dominion Government annuity purchasing power cash in hand comprise the applicant's revenue. The difference between the sum of these two and $365.00 is the pension payable.

The complexity of this calculation sometimes is further increased by the fact that applicants may seem to have several properties but an examination shows the equities in these eaten up by mortgage.

The question of frozen assets occasions a very considerable deliberation. How shall mortgages be reckoned? Occasionally an applicant has a mortgage on which neither principal nor interest has been paid for several terms, and which shows no signs of activity. Bonds and stock further complicate. It is rather astonishing the numbers of people who have invested in securities of this sort who find their so-called investment paying no interest and having no market value.

The amount of pension payable is affected at times by an attempt to apply the Parents Maintenance Act. Where a pensioner resides with a child and is thus afforded shelter and care some reduction is made in the pension granted. The application of this principle depends, of course, on the financial ability of the child. A labourer with a large family cannot be expected to contribute. Children on relief cannot contribute. This phase of the work demands the utmost care. Most frequently where reduction is made because of the Parents Maintenance Act, the parents go without and the children do not contribute.

The appointment of Trustees to handle the pension cheques of those persons not capable of spending their money and who because of their incapacity may fall victims to designing relatives or acquaintances requires correspondence, investigation and supervision.

To all of this must be added the necessity of collecting pension refund from estates of pensioners. Under the Act where the estate passes to another pensioner claims shall not be made against such estate and claim shall be waived where a child or other person has for three years prior to the death of the pensioner given care and assistance.

To present the claim, to keep in touch with the administrator, to fix the amount acceptable in settlement, to acknowledge the receipt of settlement and transmit to the Treasury, and finally, to adjust such settlements, pro rata, to the Federal and to the Provincial Governments and to the Municipal Corporation, occupy no small part of the time of the Solicitor, Inspector, Accountant and the Commission.

During the year we have made several changes in the internal administration with a view to increasing efficiency. In order to contact each pensioner once a year it was arranged to send out each month in the neighborhood of four thousand questionnaire forms to be completed and returned by the pensioners. A surprisingly large number of these have been returned each month in response to the first request.

Through an especially prepared method of padding with carbon paper we are able to produce the necessary four copies of the paylist in one run and have thus effected a very material saving in time.

A new Reconciliation statement has been designed so that an effective checking of the 87 sections of the paylist can be accomplished much more readily.

A continuous system of audit installed under legislation introduced by the Minister of Welfare, the Honourable David A. Croll, has proven very satisfactory.

During the year 9582 new applications for pension were submitted to the Commission, and of these 1070 or approximately eleven percent were ineligible. 416 of these decisions were appealed and pension granted in full or part. The Commission also dealt with 3540 appeals from former decisions, and of these 267 were refused.

Interesting statistical material relative to the Old Age Pension administration in Ontario is given in Part Two of this Report.

CHARLES H. GREEN, Commissioner.

M. A. SORSOLEIL, Chairman.

APPENDIX B

Report of Mothers' Allowances Commission

April 1st, 1935 — March 31st, 1936

The question of granting a Mothers' Allowance to one child families has been debated over a number of years. The argument against such a move was mostly based on the fact that the majority of one child widows were comparatively young and would be able to re-establish themselves without State assistance. The Commission, however, noted that a number of beneficiaries with two or three children, when they became widows, had not had time to become re-established when the second youngest child reached the age of sixteen years, and in many cases the good had been undone for the want of help over a longer period, or until the youngest child had received further schooling.

The first definite step towards a change was made in 1934, when the Commission was authorized to pay an allowance to a mother with one child under sixteen if she had another child aged sixteen to eighteen years attending a secondary or vocational school. This, however, solved the problem in part only. In a large number of cases the second youngest child as it reached its sixteenth birthday, was not sufficiently advanced in its education to pass to a secondary or vocational school, and again, in the rural districts especially, it was almost impossible to attend such a school because the child generally had to go to a neighbouring town and the cost of transportation would be more than the mother could afford.

In many other cases the mother was unable to provide books, etc., leaving the problem only partly solved.

Definite action was taken in the fall of 1934, when the Honourable, the Minister of Public Welfare, instructed the Commission to make a complete survey of the Province and to report:

1. As to the need for amending the Act to include the one child family.

2. The estimated additional cost to the Government.

The report suggested that there would be an increase of about 40% in the number of beneficiaries; the additional cost, however, would be less than 40% because the mothers with one child would receive a smaller allowance and as a consequence the average rate per family would be lower.

The Act was amended in the 1935 session of the Legislature and became effective as from May 1st, 1935. The number of applications increased from 2000 to 7704 in the first year; 3862 were found to be eligible; 2688 of the eligible cases were from applicants under the Amended Act; 1417 of the latter number had previously benefited with two children and the remaining number, 1271, were applications from one child families which had not previously benefited under the Act. A number of applications were refused because the circumstances did not reveal the need for an allowance. Many of the younger widows with one child had become re-established in employment and were living with relatives who cared for the children while the mothers were at work.

The amendment is fully justified. In many cases where employment was scarce, mothers had struggled against severe odds to maintain a home. One mother wrote thanking the Commission and stated that she had been able to buy her ten-year-old boy the first new suit of clothes that he had ever owned, while another mother was so happy because the allowance would ensure her and her child warmth for the coming winter — something new for this mother. In another case a mother writes as follows: "Just a few lines to express my sincere appreciation for your help during the past year. My son has just finished his Christmas exams and stands second in a class of 41. As he is only fourteen and in second form in ———— High School, I feel very proud of him. We certainly could not feel as secure and happy if it were not for your aid."

In the two child families, the oldest child is taking advantage of the continuance of the allowance by continuing at school, to be better prepared to secure employment and be in a position to assist its mother.

The actual additional cost is as follows:

Number of one child families benefiting under the Amended Act:

	City	Town	District	Counties	Total
June, 1935	276	2	23	150	451
July, 1935	388	8	32	197	625
August, 1935	565	9	47	240	861
September, 1935	932	14	70	458	1474
October, 1935	1022	15	89	550	1676
November, 1935	1229	18	118	683	2048
December, 1935	1359	21	148	772	2300
January, 1936	1443	23	154	828	2448
February, 1936	1503	26	162	866	2557
March, 1936	1569	28	178	913	2688

Average amount paid to each family $28.63

Approximate total amount paid to these families from 1st June, 1935, to 31st March, 1936 ..... $507,552.64

Paid by Province			
Judicial Districts			
100% equals	$ 29,231.23		
50% of balance equals	239,160.71		
		$278,391.94	
Paid by Municipalities		239,160.70	
Total		$507,552.64	$507,552.64

The question as to when the Commission expects to reach the peak load is often asked, especially by the municipalities. The Commission has also been endeavouring to discover when such a condition would be obtained. For a number of years the increase has averaged about seven per cent. In the years of depression it was rather higher. Fewer families on account of lack of employment were able to reach a point where the Commission could declare such to be self-supporting.

The number of beneficiaries who cease to qualify because the youngest child reaches its sixteenth birthday is much less than the number of new cases coming on. There is little hope of reaching a peak load so long as the number of deaths of men with young families continue. Are these men dying too young? Could not some of them be kept alive if they had medical care at the proper time? Many men in

ordinary circumstances neglect to call in a doctor because they know they will not be able to pay the bill. Surely there is a great need for some type of health insurance in our Province.

The same condition is found amongst the applicants under the Incapacitation Clause. A number of the husbands would not have become permanently disabled had they received the attention they needed medically.

During the year the Commission has noticed a decided improvement in the families with children of wage-earning age. The yearly financial reports on families indicate a much larger per cent of such children being employed than has occurred for the previous four or five years, resulting in a number of allowances being discontinued or reduced.

The social benefits to families by the efficient work of the Investigators is quite apparent. Many improvements are noted in families as a result of such kindly advice. Here is a typical letter received from a beneficiary: "I wish to thank you very much for the information you gave me. I did as you told me to. The children are doing fine. The oldest one and the third child each gained ten pounds the first two months they were on Mothers' Allowance, the other two are gaining, but not quite so much. I think S———'s stomach keeps him back, but he says it does not bother him so much since he has a diet." Kindly insistence on the part of the Investigator for cleaner homes among applicants for a Mothers' Allowance has brought about very desirable results.

Arrangements with applicants for the protection of assets, insurance money, etc., whereby such assets are made fixed with retirement over a period of years, have been made in a number of cases. The co-operation of the Insurance Companies in this regard is much appreciated by the Commission. Similar arrangements are made where husbands die intestate. The latter are made in co-operation with the Official Guardian.

The interest taken in this work by members of Local Boards is invaluable to the Commission in its endeavour to give proper administration to this Act.

The Commission is indebted to the Honourable David A. Croll, Minister of Public Welfare, for many courtesies in matters affecting the administration of the Act.

H. BENTLEY, Commissioner.

M. A. SORSOLEIL, Chairman.

APPENDIX C

Report of
The Children's Aid Branch
Forty-Second Annual Report
April 1st, 1935 — March 31st, 1936

Results of the first full year's operation of the Children's Aid Societies in the Province under the provisions of the Regulations passed in 1934 are indicative of the splendid response for the improved care of children. Thirty-one Societies improved their grade standing during the year.

Although all the Societies dealt with 23,393 children in their protective work for the year it was only necessary to make 490 permanent wards, 608 temporary wards and 438 extensions of wardship. This in itself emphasizes the value of and the increase in the preventive services the Societies are offering.

Of the 12,187 children directly under care of the Children's Aid Societies (not in their own homes) 7982 are wards. For these wards a total of 9739 visits are reported, or an increase of 4785 over the previous year. When it is noted that little more than 50% of the wards had been visited once in the year 1933-34, the above figures represent an interesting improvement.

While completed adoptions have not shown a startling increase there has been a slight upward trend. This is gratifying, particularly in view of a generally more careful selection of the child to fit the home and the more general adherence to the two year probationary period.

A slight increase is evidenced in the number of new unmarried parents cases dealt with through the department. The child born out of wedlock still presents a considerable challenge to the child welfare organizations.

Collections for the support of these children have increased from $68,248.04 for the year ending October 31, 1934, to $76,783.13 for the year ending March 31, 1936.

B. W. HEISE, Provincial Superintendent.

APPENDIX D

Report of
St. John's Industrial School

April 1st, 1935 to March 31st, 1936

During the past year we have had an average daily population of 91 boys in attendance at our school. The general health has been maintained at the high level of former years. There has, however, been an increase in the number of boys requiring hospitalization. These included one case of pneumonia; one case of back injury, sustained in an accident while absent from the school without leave; two cases of acute cellulitis; one case of lymphadinitis and two cases of appendicitis. In addition to the above, two fractured wrists and one foot fracture sustained during the recreational programme, were x-rayed and set at the hospital. The recovery in each case was quite complete so there are no permanent disabilities to report.

Close attention has been given to the relief of physical handicaps listed in the Committal Reports or discovered on examination by our school physician. Fourteen boys were given the benefit of a tonsilectomy; eight were circumcised, and five were provided with glasses. Regular dental clinics were held in the school and, when occasion demanded, treatments were provided at the Dentist's city office. There were in all 242 fillings or restorations; 87 extractions under novacaine anaesthesia: 5 inlays; 23 x-rays and 5 cases of special treatment.

Religious education is the most important single factor in our training programme. Daily Mass was held in our chapel. Frequent opportunities were given all boys to approach the Sacraments. Special instructions were given in our classrooms and assemblies. On May 20th Archbishop McGuigan administered the Sacrament of Confirmation in our chapel to thirty-five boys. A spiritual retreat was conducted from December 11th to December 14th by a special missionary. The entire school population marched as a unit in the Annual Demonstration of Catholic men and boys in honour of the Holy Name of Jesus.

The academic programme as outlined by the Department of Education has been followed in the main with special adaptations to the particular requirements and abilities of our boys. Our "Opportunity Class" has been a valuable asset in caring for the younger boys and also in guiding older but more backward ones through the primary grades. The addition in the September session of typewriting to the curriculum gave new impetus to the work of our fifth form. Progress in typing has been quite rapid in many instances and there is every indication that it will prove both popular and profitable.

Vocational work has continued to play an important role in our training programme. Baking, tailoring, printing, shoemaking, gardening and barbering have provided half-day instruction for 80% of our school population and in most cases resulted in the development of new interests, self-confidence, good work habits and excellent workmanship. Early in November we were deprived of the services of Mr. Wm. Lawlor, who succumbed to a three weeks' illness. For eight years Mr. Lawlor was in charge of our tailoring department and handled it with satisfactory

efficiency. He was a capable instructor, was respected by the boys and ever exercised splendid influence for good.

The recreational programme makes a real contribution to the health, happiness and discipline of the school. Leagues in hockey, softball, rugby and soccer within the school gave splendid opportunity for team competition for all, according to their age and ability. Teams in softball and hockey were also entered in outside leagues. In each instance our entry won the championship of their league and in hockey were semi-finalists for the City Championship. The Annual Field Day of track and field events was held on July 1st. An open air community concert, featuring the work of our summer programme, was held on August 20th and was attended by some six hundred spectators. During the months of July and August almost daily swimming periods were provided in Lake Ontario. Two of our boys were awarded medals by the Canadian National Exhibition for participation in the Mile Swim on September 7th along the lake front. Table games, hobby work, reading, harmonica classes and gymnastics were features of our programme, particularly during the fall and winter months and when weather conditions did not warrant outdoor activities. Outings to the Canadian National Exhibition, professional baseball, senior hockey and the Ice Carnival were arranged and met with an excellent response. Gymnastic displays were given by our boys at seven entertainments throughout the City. Our community display of fireworks on May 24th has become a bye-word in the Beach district and is annually witnessed by thousands of spectators.

The entire programme is designed to best fit and equip a boy to return to normal home life with good health and good attitudes and free from the handicaps so often associated with life in an institution. In this programme the devotion, loyalty and co-operation of our staff is no small factor.

Contact is kept with boys after placement by means of correspondence, visits of our placement officer and some instances by supervision of the Big Brothers or some similar organization. During the past year some six hundred visits were made to boys on parole in their own homes, boarding homes or in farm working positions. Nineteen boys were in boarding homes during this period, two of whom had to be returned to the school owing to further delinquency. The majority of them were located in rural districts and all attended local schools.

BROTHER CYRIL, Superintendent.

Report of

St. Joseph's Industrial School

April 1st, 1935 to March 31st, 1936

On April 1st, 1935, 64 boys were in residence; 44 were admitted, 33 were paroled and 5 transferred to other Institutions during the fiscal year, leaving 70 inmates on March 31, 1936. The average daily attendance was 71.

HEALTH

The health of the boys was good. Dr. J. R. Tittley ensured the medical help. There was one fracture of the arm bones. The fracture was reduced at Alfred, by the school physician; two days later, the boy was conveyed to Ottawa for a radiography. Five boys were given the benefit of tonsillectomy and three of circumcision.

Dr. H. H. Kirby ensured the dental needs of the boys. Every Tuesday, he was in attendance at the School. There were 153 fillings, 101 extractions and 6 cleanings during the year.

ACADEMIC TRAINING

Notwithstanding the difficulty arising from bilingualism, the programme of studies has been adhered to as closely as circumstances permitted. The time allotted to academic was approximately fifty per cent of the school day for the boys from the third form up. The work appeared to be progressing satisfactorily.

VOCATIONAL TRAINING

The vocational subjects were carpentry, tailoring, shoemaking, farming, kitchen and laundry work, haircutting.

The building of the barn and of the piggery gave an occasion to take boys from the shop and turn them into practical work. Thus ten or twelve boys were given as helps to skilled workmen. The others followed the course in the shop itself.

The tailoring department occupied from thirty to forty boys. They have ensured the mending of the clothes and manufactured 144 suits, 26 trousers, 180 shirts, 71 aprons, 185 sheets, 54 pillow slips, 61 laundry bags, 2 overcoats.

Shoemaking progressed by the fact that new machinery was introduced and that the pupils were taught to make a shoe from start to finish. The boys started to manufacture those of the farmer and worker brand; as they shall acquire skill, the better class of shoes will be taken up. Twelve boys found employment in this department.

Five or six boys were steady farm helps. The others were brought in as the needs required their services. Sugar making, hotbed making, planting, weeding, harvesting of the hay and of the different crops gave work to scores of boys, at times. The work of the boys was also appreciated by the neighboring farmers during the rush season. The farm yielded 35 tons of hay, 1200 bushels of cereals, 700 bags of potatoes, one ton of onions, 15 tons of beets, turnips, corn; 30 tons of straw. Tomatoes and string beans were plenty and allowed the canning of the yearly supply.

Training in the kitchen took up the preparation and the cooking of the meats, baking and pastry. The boys have ensured the laundry work and the hair cutting during the year.

Apart from the above, the painter and the blacksmith were each given two helps who received a daily training.

PHYSICAL TRAINING

Physical exercises were very popular with the boys. Four sections group them according to their skill. The boys are very keen of being promoted from one section to the other. Being in the highest section meant to them frequent outings in the neighborhood; they have given displays in Ottawa, Curran, Wrightville, Hawkesbury, St. Jerome and at the Alfred Exhibition.

The exercises consisted in different movements of the Swedish method, tumbling, jumping, diving, the use of parallel bars and the vaulting horse.

The main games were baseball, softball, flag, football, golf, tennis, hockey. Indoor games were pool, checkers, table games.

MUSIC AND SINGING

The boys had a daily practice in singing. They gave a very good service in the chapel. Their mass singing enhanced the ceremonies and made them quite effective. One of the boys acted as accompanyist at the organ and three others were members of the Alfred Band.

MORAL TRAINING

The daily assistance at mass, the reception of the sacraments, the visits to the chapel for imploring divine guidance, have a telling effect on the boys. The direction of the devoted priests who are always at the disposal of the boys add influence to moral lessons given in the classrooms.

MAINTENANCE COST

The average daily cost per boy was 98 cents.

BROTHER CONRAD, Superintendent.

Report of
St. Mary's Industrial School
April 1st, 1935 to March 31st, 1936

For the twelve months under consideration there was a decrease in the number of children sent to the School from different municipalities. Most of the girls committed were between fifteen and sixteen years. All had wide experiences. It would appear that commitment was deferred until the last moment, or as a last resource. It followed, that reaction was not so encouraging. It was more difficult to forget the past, more painful to accept the present, more irksome to face the future, more tedious to co-operate with the efforts made for their advantage and their re-construction.

The mentality of those committed was average. Some were of high grade mentality, some were of low grade mentality, some were of medium rating. This is not a question which sanctions an arbitrary I. Q. It is a question of dormant mental faculties. The power exists but it has not been exercised, much less guided. Mental powers are quickened once the training is accepted. When they realize their own inherent abilities and power they make progress.

The academic year was satisfactory, and the children, without exception, enjoyed the course. Primer and First Book were finished and put aside, five were successful in the Entrance Examination, eight covered the course for First Year High School. Language difficulty must be reckoned with at all times. Every pupil is obliged to read, write, and speak the English language. They are permitted conversation in their various tongues during recreations and when visiting their friends.

Along vocational lines the training follows the course of household usefulness, more particularly. Each pupil has a section of the building under her especial care. For this portion she is responsible as to order, cleanliness, and particular function. Duties and charges are changed in rotation. The children are taught

cooking and all the duties connected with the culinary art. They are given a thorough training in needle-work. Beginners are kept at hand sewing, darning, mending for several months; then they are advanced to cutting, the use of patterns and the technical side of the subject. A group is always employed on the power machines which they operate under skilled supervisors. They take great interest in embroidery and all fine needle-work. Those who have the talent study art, and they work with pencil, crayon, water color and oil. It is surprising what these young girls accomplish after some months' study and practice. The floral and fruit work have exceptional merit, the landscape and portrait are fair. Vocal and instrumental music are taught and this is accepted with enthusiasm.

The moral and religious training is the heart of the work. When the beauty of the liturgy captures the attention the heart and its affections follow, naturally. The glamour of past activities fades, the worth of goodness and virtue is realized. Very great attention is given to the moral training of these young girls. They are taught that faith and religion should walk with each daily duty. When they come here the majority are without spiritual anchorage, without any real understanding of the spiritual values.

The general health was good. There was no serious illness, no serious accident. One child stumbled with a vessel of hot coffee and suffered a bad scald in hands and arms. It healed quickly and it left no scar. There were eleven tonsillectomy patients. Each one made a good recovery. The dentist saw each child, individually, once in four months. Nothing developed of an infectious or a contagious nature. Nursing, with the care of the sick and ailing, is done by a group of the senior girls under professional supervision. These girls become very deft and efficient in the duties of the infirmary. The doctors, surgeons and specialists in charge are devoted, thorough and conscientious.

Our recreational field is hampered, seriously, by inadequate space for games and athletics. Part of every day is spent in the playgrounds unless the weather is too inclement. Through the spring, summer, and fall all extra time is spent out of doors. As far as space permits organized games and sports are carried out. During the year lectures were given by travellers from remote lands and districts. Mr. Joseph Ladouroute, the Canadian tenor, on two occasions presented a programme of song and with this the children were entranced. The radio provided much entertainment, especially on stormy afternoons and evenings. The girls are fond of preparing programmes of their own devising. This is made up of vocal and instrumental music, dancing, musical drills, recitations, dialogues. They present this programme for the members of the Staff, and, occasionally, they invite the members of the Community. They are able to put on a very creditable entertainment.

Placement was much more fluid than in former periods. Good homes and considerate mistresses were found without much difficulty. Nearly all who were placed conducted themselves with propriety. Some were returned with unsatisfactory records. They keep in close touch with the School by visits and correspondence. Two of the number released from guardianship are in excellent positions in Toronto Hospitals. Three others are married and are settled comfortably.

On April 1, 1935, there were 73 in residence. During the year 25 were admitted and 33 were dismissed. On March 31, 1936, there were 65 pupils in residence.

The Sisters of Our Lady of Charity.

APPENDIX E

Report of
Ontario Training School for Boys—Bowmanville, Ontario
April 1st, 1935 to March 31st, 1935

ANALYSIS OF RESIDENCE

Number in Residence April 1, 1935	194	
Absent without leave on that date	7	
Number admitted during year	123	
Re-admitted during year	35	
Discharged during year		140
Placed on Working Agreements		32
Number absent without leave March 31, 1936		15
Number in residence March 31, 1936		172
	359	359

ACADEMIC DEPARTMENT REPORT

GRADE ORGANIZATION

The Academic Department was reorganized in September, 1935, as a five teacher school, embracing all classes of the Public School and a junior High School class. One Staff change was made since the previous June, Mr. W. J. Eastaugh replacing Mr. Ross Thomson. The grade organization since September has been as follows:

Teacher	A.M. Class	P.M. Class
Mr. Beckett	High School	Part Time Jr. 3rd
Mr. Davidge	Entrance	Full Time Academic
Mr. Burns	P.T. Seconds	P.T. Jr. 4th and Sr. 3rd
Mr. Eastaugh	F.T. Academic	
Mrs. Densem	Full Time Auxiliary Group	

It might be noted from the above table that Mr. Eastaugh has an academic class in the a.m. only. This arrangement was made in view of the fact that he assists in the Physical Department from 4.00 to 5.00 p.m. daily and in the evening.

CURRICULUM

The basis of the course of study in all classes is the Department of Education's outline for each subject and grade. But as each boy becomes 12 years of age he is assigned to part time vocational training. Instruction is given in manners, deportment and morals. At all times the aim is to catch and to sustain the boy's interest in academic work. As far as possible the teaching is made concrete, specific and shown in relation to life activities.

SPECIAL GROUPS

Full Time Class. This class consists of a group of about twenty-five boys under twelve years of age. The boys attend school for the full day period and in a sense are a separate unit. Much original and stimulating work has been done in this class during the past year, particularly in Art and its related branches. Unconventional but interesting subjects, picture studies, and the use of finger-painting are a few of the devices which have been used with success as a means of developing expression in these younger boys.

Auxiliary or Opportunity Class. This special class for subnormal boys has developed into one of the most successful groups in this Department. The room is well equipped for both bench and seat work, and some excellent results have been obtained. In the past year six weaving looms have been placed in operation and the following projects have been completed by the boys: table mats, rugs, coat-hangers, scarves, cushions, handbags. In addition the boys have had instruction and practice in making product maps, operating a store (using real grocery supplies, and making change). At the same time the class is taught to read, spell and write, and to make simple wooden projects (coping saw work). It might also be noted that five boys have been promoted from this class to the regular second book group and have been able to remain in this more advanced grade. About nine boys have been promoted from this class to regular grades upon leaving the School.

ENTRANCE GROUP

This class has averaged a monthly attendance of about 25 boys since last September, and it is expected that about 20 will be candidates for the High School Entrance certificate in June. The class is a part time one, thus making the work doubly concentrated, but results of the past few years have been very gratifying. In the past five years the present instructor has had 107 boys obtain their Entrance certificate out of a possible 120. This represents 89% successful.

JUNIOR HIGH SCHOOL

Class consists of boys who have obtained their Entrance either at this School or prior to their admission. The group always contains a number of "repeaters" from the previous year, along with boys newly admitted from the Entrance. During the past year the course of study has consisted of: 3 Lower School subjects—Arithmetic, Physiography and Agriculture (Part 1), 1 Matriculation subject—Canadian History, and also Algebra, Geometry and English.

Since September last, this class has been subject to an 80% turnover: last September there were 15 boys in the class and at present only 3 of those remain, while 7 new boys have been admitted.

SPECIAL METHODS AND DEVICES

Every effort has been made by the Academic Staff to keep abreast of progressive classroom technique. The use of concrete illustrative material has been increased more than ever before—large maps, charts, wall display and samples of industrial processes have been increasingly used by all teachers. The pupil-project method has been frequently used. The sand-table and plasticene models have been continuously utilized in the junior grades. Every incentive with positive appeal has been adopted. Teaching on a competitive game basis, and using imaginary trips has been found to be very worthwhile.

ANNUAL INSPECTION

The Academic Department was inspected during the first week of March by Col. E. E. Snider, P. S. Inspector for Durham County. In his report, Col. Snider commented, in part, as follows:

(a) School Accommodations—"Are of high order and are well kept."

(b) Grading of Pupils—Satisfactory.

(c) Management—Very commendable.

(d) Progress—Satisfactory as a whole.

(e) Superintendent and Staff — "To be complimented on the spirit of co-operation existing between its members, and between the boys and the teachers."

SPECIAL ACTIVITIES

In addition to regular teaching the Academic Staff has been responsible for the following:

(a) Evening Supervision of Full Time Vocational and Discipline Group. Three nights a week from 6.45 p.m. to 8.30 p.m. the teachers have rotated in charge of a special study class as listed above. These boys are lads who are 16 years of age and thus do not attend school during the day, or else are boys temporarily segregated as a disciplinary measure.

(b) Nature Study Club. This consists of a select group of the farm apprentices who meet with Mr. Bradt one evening a week, for interesting talks and outings in connection with outdoor natural life.

(c) Astronomy Club. This group is made up of the High School boys, who also meet one night per week with Mr. Beckett. The group is purely a hobby one, and the boys have enjoyed many evenings in star gazing. In December the group visited the David Dunlap Observatory and had all parts of the second largest telescope in the world explained to them.

(d) Literary Society. The boys elect their own executive and preside and carry on each public meeting in the school auditorium entirely by themselves. The aim is to encourage public speaking and debating during the Winter Term. Some excellent programmes have been arranged. In February, a debating team from the School was successful in winning a joint debate against second form pupils of the Bowmanville High School.

(e) School Library. The Library has approximately 2500 catalogued books, slightly over a thousand of which are non-fiction. The accommodation is good and the room is one of the pleasantest parts of the school to many of the boys. Books are distributed weekly to each Cottage, and Academic Classes are taken to the Library for special reading periods each week. Every effort is made to stimulate a taste for good reading on the part of the boys.

(f) Supervision of Auxiliary Class, 4.00-5.00 p.m. During the late Fall and Winter months these boys have been kept in the School Building and not sent to their Cottages at 4.00 p.m. and were allowed to cut out and paste pictures in their scrapbooks. This diversion has been very interesting to the boys all year. On days that were especially pleasant the boys were taken for short observation "hikes".

(g) Music. Much time and effort is spent on music during the year. Daily the boys are taught new songs after the morning Chapel Service. This creates a note of happiness and optimism in which to begin the day's activities. School entries in the

Durham County Music Festival have achieved great success the last few years. For two consecutive years the Harmonica Band has won the Shield. The Choir, also, has obtained high ranking in each contest.

PHYSICAL TRAINING DEPARTMENT

FALL (September, October and November)

Classes organized for physical training in gymnasium.

Coaching in track and field athletics.

Instruction in football rules and coaching in how to play football.

Instruction in basketball rules.

Class practices in basketball passing, dribbling, pivoting, shooting, guarding and coaching in system of play.

Entire student body examined for physical defects. A group of 31 boys was selected for special instruction in remedial gymnastics, one period each week.

Leaders' Corps organized and met weekly for special training in apparatus work—30 boys.

Organization of Football League—12 teams, 149 boys on teams, 68 games played.

Track and Field Championships—37 events—95 boys competed.

Trained and entered team in annual Burketon to Bowmanville Relay Race, which we won—38 boys trained: 15 competed.

LATE FALL (December only)

Class instruction in open formation for P.T. Some fundamentals of Danish gymnastics, apparatus, tumbling, rope climbing, gym. group games.

Leaders' Corps and special class for remedial gymnastics continued. The Leaders' Corps was re-organized and certain boys were added to the remedial group.

Basketball training continued. Also instruction in refereeing.

Organization of Late Fall Basketball League—28 teams, 165 boys on teams, 22 games played.

Two basketball teams organized and commenced training for inter-school competition.

WINTER (January, February and part of March)

Class instruction in Danish gymnastics, apparatus and tumbling.

Instruction in hockey rules and coaching in how to play hockey.

Leaders' Corps and special group for remedial gymnastics continued. Leaders' Corps was reorganized and certain boys were added to the remedial group.

Annual examinations in apparatus work and preliminary round in the gymnastic competition commenced.

Formation of Hockey and Basketball Leagues—24 teams, 168 boys on teams, 33 games of hockey and 26 games of basketball played.

Two School basketball teams entered and played in the town league. 24 boys played 10 games.

EARLY SPRING (Last half of March only)

Annual examinations in apparatus work completed. Every boy in the School was examined on all four pieces of apparatus.

Semi-finals in the gymnastic competitions—24 seniors and 22 juniors qualified for the semi-final tests.

Early Spring Basketball League of 26 teams formed. 167 boys on teams. 16 games played up to March 31st.

Leaders' Corps continued. There were 66 different boys who were, or had been, members of the Leaders' Corps up to March 31st.

Special remedial class continued. 45 boys were given remedial gymnastics up to March 31st.

During the fiscal year April 1st, 1935, to March 31st, 1936, 343 boys trained in the Physical Training Department.

SWIMMING

Beginning in the Fall with the regular schedule of hobby and evening activities, swimming received the same amount of time as gym. work. Each Cottage had two forty-minute periods per week and the time was divided into instruction and play periods.

In the early work much time was devoted to safety measures. The fact that a whole cottage group was in the tank at the same time meant that good swimmers had to receive the same teaching as beginners and this necessitated a selection of teaching material that could be adopted by the whole group. The fundamentals of free style swimming were taught in sections and each separate unit was drilled and then linked with the other to produce the stroke, viz: leg thrash, body position, planing, arm stroke, breathing, co-ordination of breathing with arm stroke. To facilitate planing and the leg thrash, four flutter boards were used.

The racing start, turn and relay get-away were taught following the free style coaching. This meant that the fast stroke learned for racing could be used. It was also a variation from too formal teaching. As an added feature many nights were given to informal meets with various relay races, pigeon racing and under water swimming.

Back stroke and breast stroke swimming were broken up into teaching units much the same as the free style and similar drills were used. Diving always appeals to youngsters because of its spectacular quality and the main points in this art were taught by example and coaching.

The annual swimming and diving championships were conducted on Feb. 6th and after a series of elimination tests in which 83 boys participated, some 35 were selected.

A recent survey showed that 53% of the boys could not swim upon entering the School. Because of this a Beginners' Class of thirty-seven boys was formed. This group meets for one hour each week. After but four meetings, 14 boys were able to swim 20 yards, or one length of the pool, and the majority of the remainder can now swim at least across the pool.

WOODWORKING DEPARTMENT

Number of boys apprenticed to the Woodworking Department during period April 1, 1935, to March 31, 1936:

April	39	November	28
May	37	December	28
June	30	January	30
September	22	February	31
October	28	March	28

Hobby Classes were held two evenings each week—43 pupils enrolled.

PROJECTS:

Sail boats, toys, whittling and woodcarving, picture frames, plant stands and wall brackets.

CLASS PROJECTS:

Cutting boards, teapot stands, taborets, end tables, magazine stands, smokers' stands, wall brackets, plant stands, book ends, small tables, ferneries, picture frames, candlesticks, bowls.

MAINTENANCE WORK:

Rebuilt piggery on old foundation. Made garden flats for greenhouse.
Repaired school desks and chairs. Repaired lockers and locker doors.
Repaired forms, tool handles for Metal and Shoe Shops. Made Hat and Coat stands. Took down old partition and erected new store room and tool crib in Woodworking Shop. Made new Step Ladder.

SHOEMAKING DEPARTMENT

Monthly Enrolment of Apprentices:

April	42	November	32
May	41	December	32
June	34	January	25
July	16	February	30
September	22	March	32
October	29		

Evening classes were in progress for four hours each week for a period of six months, with an enrolment of 50.

Projects completed during the year:
Boots made—395 pairs.
General Repairs—778 pairs.
Leather Work—200 projects—Belts, Purses, Wallets, Cushions, Hand Bags.
Picture Framing—135 projects—ranging in sizes from six to twenty-four inches.

Maintenance work included repairs to Harness for the Farm, making leather gaskets for the Power House and repairing balls for the gymnasium.

Construction work, including carpenter work, painting and decorating, was carried out in the Shop Building, also the setting out and seeding of lawns on the outside of the Building.

METALS DEPARTMENT REPORT

Report of the work activities of the Metals Department for the period from April 1st, 1935, to March 31, 1936.

In April 1935 there were	33	apprentices.
May	15	"
June	18	"
Sept.	24	"
Oct.	27	"
Nov.	30	"
Dec.	31	"
Jan. 1936	35	"
Feb.	33	"
Mar.	29	"

The work periods were from 9.00 a.m. to 11.45 a.m. and from 1.30 p.m. to 5.00 p.m. in the afternoon, five days per week, and from 9.00 a.m. to 11.45 a.m. Saturdays.

March 22nd to the end of June was devoted to Camp preparations. Five cabins were moved towards the north end of the property a distance of one hundred feet in order to enlarge the play area. One new cabin was built by the carpenter and a group of boys.

An old shed was brought down from the School, repaired and set up for housing the play ground equipment.

All the buildings on the property were given a fresh coat of paint in two colors.

Two new cabins were constructed complete with bunks.

The re-arrangement of cabins made it necessary to change and increase our lighting facilities. Three new 30 ft. poles were set up and two original poles had to be moved and replaced. All poles were guyed, fitted with insulators and new standards, and wired.

Class Projects in Machine Shop Practice: Book Ends, Centre Punch, Paper Weights, Plumb Bobs, Hammer, (ball plan) Spanner Wrench, Hexagon Head Cap Screw, Screw Driver, Vee Block, Bench Block, Poker, Small Cast Iron Portable Vise.

Combining Sheet Metal and Machine Work: Copper Sail Boat, Weather Vane.

Projects made in Sheet Metal Department: Cookie Cutters in box, Flower Pots, Octagonal Waste Baskets, Dust Pans, Bread Boxes, Funnells, Pails, Snow Shovels, Garbage Cans, Modernistic Waste Baskets, 500 feet Eavetrough, 12 Trays for Greenhouse. 7 tins to fit Wooden Flower Boxes in Gym. Chimneys and Flashing for Chicken Brooder Houses, Wall Vases for Girls' School at Galt. Elbows for Blower on Stokers at Power House, Trays for Hospital, Candy Trays for Kitchen, Roasting Pan for Kitchen, Copper Lanterns for Front of School Building. Covering sides of Dining Hall Trucks. 15 Trays for serving trucks in kitchen. Converting half gallon fruit tins into tins suitable for making Christmas Puddings.

Machine Shop Practice Projects made during year April 1, 1935, to March 31, 1936: Iron Book Ends, Centre Punches, Paper Weights, Plumb Bobs, Hammer, (ball plan) Spanner Wrenches. Hex. Hd. Cap Screws, Screw Drivers, Vee Blocks, Bench Blocks, Pokers, Small Portable Vises, Copper Sail Boats, Weather Vanes, Large Bench Vises, 4" Jaw. Bench Drill, Head Centres for Wood Lathe, Boiler Tube Plug, 15 ft. long. New Screws in 4 pr. dividers for Wood Shop, Hollow Leather Punches for Shoe Department. Prick Punches for Shoe Department. Towel Racks for Goldie Lodge. Boys' Lockers. Alligator Wrenches. Candy Cutter for Kitchen with stainless steel blades. All steel service trucks for Dining Hall complete with four metal trays each. Drift Punches, Centre Punches (hardened).

Demonstration by the instructor of the machinery in the shop.

Instruction as to the proper names and care of machinery. General shop rules.

Bench Work—Files—Common shapes and cuts. Instruction in their use. Proper method of using hammer and cold chisel. Instruction in the use of the hack saw. Laying out work from a blue print.

Materials—Cast Iron, Wrought Iron and Cold Drawn Steel. Hot Rolled Steel and Carbon or Tool Steel.

Instruction in the use of the Drill Press. Drill sizes and common types.

The use of Hand Taps and Dies for Standard Threads.

The Screw Cutting Engine Lathe—Names of main parts.

Centre Work — Straight turning. Taper turning — two methods. Knurling. forming, threading.

Chuck Work — Facing, Turning, Drilling, Boring, Threading (Internal and External U.S.S. and Square Threads).

Shaper Work — The use of parallels, Hold Downs. Instruction in general planing or shaping. Cutting bevels of various angles, and cutting keyways. Instruction on setting up irregular castings on the table.

The Course of Study in the Sheet Metal Work is outlined here as follows:

An explanation of the term Sheet Metal.

Materials commonly used in the Sheet Metal trade.

Explanation of how these materials are manufactured, standard gauges and sizes.

Tin Plate, Galvanized Iron, Black Iron, Copper, Zinc.

Soldering Process (Soft Soldering).

Coppers (Heating Devices).

What is Solder.

Soldering flues and how and when to use.

Explanation of machines used in Sheet Metal work, their names, uses and care of same.

Care and uses of small tools used in Sheet Metal work.

To make up Sample Joints: Lap Joint, soldered. Lap Joint, rivetted. Flat Lock Joint. Slip Lock Joint. Corner Lock Joint.

Using the folder to form an edge for Wire.

Why edges are wired, and allowances required for wired edges.

The use of the Wiring Machine.

Forming an edge for wiring on a Turner.

Instruction in the use of the Steel Brake, the Burr, the Beader, the Setting Down Machine.

Elementary instruction in laying out a pattern.

List of Class Projects in Sheet Metal:

Box, 1¼"x3½"x5½" with Lid.

Set of six Cookie Cutters to fit Box.

Flower Pot Holder for Standard 4" Tapered Pot. Sides to be rivetted using 16 oz. rivets.

Octagonal Waste Basket—Gal. Iron. No. 4 flat locked seam. Top wired.

Dust Pan, No. 24 gauge Black.

Bread Box with Roll Top.

Lay out and make a Funnell.

To make a modernistic Waste Paper Basket, choice of three or four sided object, using slip lock joint at corners.

Snow Shovel.

Water Pail.

To make any object of sheet metal possible that may be used at the School.

The cabins were wired with a separate light switch in each. Lights were installed in the boys' toilets and all were put on one circuit, controlled from a master switch at staff quarters.

Two automatic flush urinals were installed in boys' toilets, two large wash basins were put in the old wading pool and piped for water from the well.

Three large sinks were installed in the kitchen, also a jacket heater.

A small septic tank that takes care of the waste water from the kitchen was dug up and all tiles cleaned, broken ones replaced, one hundred feet of new tile added and the whole relaid in a gravel bed.

The task of levelling off a portion of the new play area (about 50 ft. x 250 ft.) took considerable time and effort. Tons of earth was excavated from the rear of the cabins at the northern end of the property and hauled in the truck to fill in this strip (the fall of this strip in two hundred and fifty feet is well over five feet at the extreme end). Considerable time was spent on repairs to the beach road so that

gravel could be hauled. Approximately thirty tons of gravel and eight tons of sand were hauled for the concreting of the area at boys' entrance to North Lodge. About the same quantity was hauled for the area at South Lodge.

In September a new roadway was built at the south side of the Shop Building. Two carloads of crushed stone was spread around the School.

A large quantity of gravel and sand was hauled to the Somers' Farm for a concrete project there.

The shrubs around the front and south side of the shop were moved and transplanted, a cement curb put in around the flower bed, with an iron pipe railing set in concrete at the Shop Entrance door.

The course in shop work consisted of a combined class in Sheet Metal and Machine Shop practice. The course of study in machine shop practice is as follows:

Instruction in the care and use of fine tools used in the machine shop.

Maintenance Work.

Setting up Shoe Shop Machinery.

Making up three steel rakes and a slicer bar for Power House, welded.

Welding parts to the School Bell.

Hanging up 250 feet of eve trough on new piggery, also conductor pipe.

Welding all expanded metal and wire screen in corridor of Goldie Lodge.

Putting metal face on locker room door of Goldie Lodge.

Cutting, drilling and fitting bars for reinforcing screens on Goldie Lodge.

Servicing two trucks and two cars the year round—washing, greasing, tires repaired and kept inflated. Oil changed and batteries charged, etc. Overhauling motor of Chev. Truck.

Making up Double V belt drive pulley for motor on pump.

Snow Scrapers for skating rink—six new ones and repairs to four old ones.

Night or Hobby Classes commenced in October and continued throughout the Winter until the present time: Two nights each week from 6.30 p.m. until 8.30 p.m. with an average of eighteen boys attending each class. Tin can toys were introduced and up until Christmas proved a very interesting and instructive hobby. After Christmas interest lagged in toys so projects in copper were introduced, such as ash trays, paper knives and trays.

ONTARIO TRAINING SCHOOL FOR BOYS, BOWMANVILLE

FARM PRODUCTION REPORT, 1935

FEED AND FODDER

Oats and Barley, mixed	2,000 bus.	@	$ .40	$ 800.00
Oats	400 bus.	@	.35	140.00
Wheat	250 bus.	@	.75	187.50
Hay	200 tons	@	10.00	2,000.00
Straw	150 tons	@	6.00	900.00
Mangels	20 tons	@	4.00	80.00
Turnips	8 tons	@	4.00	32.00
Ensilage	100 tons	@	5.00	500.00
				$ 4,639.50

GARDEN AND ORCHARD

Potatoes	1,000 bags	@	$ .75	$ 750.00
Cabbage	4,000 lbs.	@	.01	40.00
Cauliflower	500 lbs.	@	.02	10.00
Beets	1,000 lbs.	@	.01	10.00
Carrots	4,000 lbs.	@	.01	40.00
Parsnips	1,000 lbs.	@	.01	10.00
Tomatoes	3,000 lbs.	@	.01	30.00
Lettuce	325 lbs.	@	.05	16.25
Beans	100 lbs.	@	.02	2.00
Sweet Corn	2,100 lbs.	@	.02	42.00
Spinach	200 lbs.	@	.03	6.00
Peppers	10 lbs.	@	.05	.50
Rhubarb	1,000 lbs.	@	.01	10.00
Radish	350 lbs.	@	.02	7.00
Green Onions	300 lbs.	@	.02	6.00
Onions	800 lbs.	@	.02	16.00
Strawberries	160 lbs.	@	.10	16.00
Raspberries	30 lbs.	@	.10	3.00
Cucumbers	1,600 lbs.	@	.01	16.00
Squash	1,000 lbs.	@	.01	10.00
Apples	75 bbl.	@	3.00	225.00
				$ 1,265.75

LIVESTOCK AND POULTRY

Dairy Milk and Cream	$ 3,348.34
Cows—4, Sales Price	81.32
Calves—16, Sales Price	187.00
Poultry—Eggs, 2,962¾ doz.	740.51
Dressed Poultry, 431 lbs.	305.90
Swine—56 Pigs (Market)	997.63
Sheep—Lambs, 8	43.15
Wool	22.83
	$ 5,726.68

RECAPITULATION

Feed and Fodder	$4,638.50	
Garden and Orchard	1,265.75	
Livestock and Poultry	5,726.68	
Seed Cleaning Plant	77.20	
Sales of Hay	80.00	
		$11,789.13

PRODUCTS SOLD FOR CASH FROM THE FARM

Cows and Calves	$ 268.32	
Poultry (Old Hens)	132.25	
Swine	997.63	
Sheep—Lambs and Wool	65.98	
Seed Cleaning	77.20	
Hay sold	80.00	
Cream sold	25.92	
Potatoes—Girls' School, Galt	56.25	
Potatoes—Staff and Toronto	21.00	
		$ 1,724.55

REPORT OF MEDICAL OFFICER

Jan. 1, 1936 — March 31. 1936

Patients seen at Clinics	232
Visits to Cottages and Hospital	199
General Physical Examinations	61
Tonsillectomies	9
Toxoids	62
X-rays taken	1

W. H. BIRKS. M.D.

REPORT OF DENTAL WORK

April 1, 1935 — March 31, 1936

No. of Extractions. nerve block anaesthesed	137
No. of Amalgam Fillings	232
No. of Synthetic Porcelain Fillings	67
No. of Porcelain Crowns	8
No. of Prophylaxis	55
No. of Gum Treatments	97
No. of Root Treatments	8
No. of Root Fillings	8
Total No. of Operations	612

In addition a general survey of Oral Conditions was made at the School on Sept. 13, 1935.

R. E. DINNIWELL, D.D.S.

A. VIRGIN. School Superintendent.

Report of
The Ontario Training School for Girls—Galt, Ontario
April 1st, 1935 to March 31st, 1936

ATTENDANCE

Number of girls in residence, April 1, 1935	46	
Admitted during the year	51	
Re-admitted during the year	14	
Discharged during the year		48
Transferred to other Institutions		3
On working agreement		4
Away without leave		4
Number of girls in residence March 31, 1936		52
	111	111
Average Daily Attendance		46.07

ACADEMIC DEPARTMENT

The number of girls in residence, whole or part time, from April 1, 1935, to March 31, 1936, was 101.

Distribution of students according to academic standing:

High School	34
Entrance	24
Public School	43

The course of study prescribed by the Ontario Department of Education was followed, with the exception of Latin and Science for the High School group; that for the Entrance Class, without deviation. Since the student body was largely composed of girls of normal intelligence retarded through long absences, lack of application or physical handicap, an effort in Public School work was made towards individualized education, to care for the special problem presented by each girl. The school, being small, provided an opportunity for great flexibility in grouping grades together and placing students according to their correct grade in each subject. The result showed newly awakened interest and steady progress.

VOCATIONAL DEPARTMENT

The School programme provided regular class periods for the study of clothing and foods. The objective was two-fold: first as essential training for home making, and second, as pre-vocational training for all students. The courses were arranged to meet the special interests and aptitudes of each age group. The projects in the clothing department were selected with a view to stimulating pride in personal appearance, as well as for the furtherance of skill in this field. Group projects, such as theatrical costumes, etc., definitely fostered school spirit and developed co-operation. Girls who showed marked ability were encouraged to specialize in power operating and dressmaking. In the food department, each girl cooked in family amounts in the school cooking laboratory. This food was later used in the cottage

dining room. Stress was placed on balanced meal planning, efficient preparation of food, and budgetting. Self-reliance and initiative were encouraged. Interest was never lacking in this work.

The general house work necessary for the maintenance of four large buildings provided specific training for every girl in household management. The various activities were arranged, as far as possible, in an educational sequence. Each girl spent sufficient time to master each type of work, progressing to the next in order.

Special forms of work, such as gardening, poultry raising, and floriculture, created interest and provided an outlet for surplus energy. Under a trained agricultural specialist, this work might readily be converted into definite pre-vocational training, and have valuable therapeutic use.

SPECIALIZED DEPARTMENTS

It should be borne in mind that many of the girls were too young to receive specialized training in a vocation or trade. School hours for these girls were devoted to academic work, with the addition of physical training, cooking and sewing.

For the older girls, training in the following departments was offered. A complete mastery of some trades was not possible, because of the limited time spent in the School by the girls.

HOUSEWORK TRAINING

For some time a problem has been presented by a small group of girls who were sixteen years of age, and who, because of their limited intelligence, had reached the end of their intellectual ability. It was decided to designate this group as "Specials" and to assign them to duties in the cottages for specialized, intensive training preparatory to placing them in housework positions on leaving the School. A definite course was mapped out, in which training in every branch of housework was given. Their responsibility was the regular work of preparing and serving all meals, laundry work, and general housework in the cottages. In addition to this, they were required to take English, sewing and cooking lessons in the School. They could elect any vocational subjects and extra-curricular classes. This arrangement proved most beneficial, first to the girls who thoroughly enjoyed the training, and regained happiness and contentment by being freed from ordinary academic class work; second, to the majority of the students, who by this arrangement could devote more time to school work; and third, to the efficient running of the cottage work.

COMMERCIAL TRAINING

Only students from the Entrance, High School, and "Special" groups were eligible for this course.

By arranging the classes into small units, necessitated by the limited number of typewriters, thorough grounding in typing was given to all girls electing this subject. Shorthand, business practice, and salesmanship were taught to those who were capable of undertaking the work. Although the number of girls in this course was small, satisfactory progress was noted in each student. The gratification of an ambition had a stabilizing effect on this group. It is regrettable that openings for this work were rare, except for highly specialized graduates.

BEAUTY PARLOR TRAINING

Only students from the High School and "Special" groups were eligible for this course.

Class instruction was given by a professional hairdresser from Galt once a week. The course of study included shampooing, haircutting, finger waving, manicuring and facials. The clientelle was composed of the girls and the staff. Each student was assigned definite practice periods in each branch of the work. Training in this work was particularly beneficial to both operators and customers in establishing habits of personal grooming, and pride in appearance.

POWER OPERATING AND DRESSMAKING

While power operating was taught in all sewing classes, definite periods were arranged for those girls who elected to specialize in this work. These classes were run as nearly like factory work as was possible with limited equipment. The group was organized into forewoman, cutters and operators. Work was provided by the needed garments and household linens of the School. A few girls who showed marked ability in dressmaking, and who had had previous training, were encouraged to spend as much time as possible in the sewing room for extra training. Great interest was taken in the work and the results were gratifying.

DENTAL ASSISTANT

The dental office of the School continued to provide an opening for those who wished to commence training as a dental assistant. These girls assisted the dentist on his weekly visits by taking charge of the office, sterilizing and caring for all instruments, making appointments and keeping records. Good work was done within the limited opportunity.

PHYSICAL TRAINING DEPARTMENT

Work in physical education led up to, and culminated in, the gymnasium display on June 17th, 1936, in which every student participated. Girls who had been in the School only a short time joined in the figure marching and simpler numbers, while those who had attended classes over a longer period displayed their skill in dancing, tumbling and gymnastics.

Weekly classes in swimming were held at the Y.M.C.A. pool in Galt. A record of progress was kept by means of a graded series of tests given to each girl. During the camp period in July, swimming was the major sport. Throughout the summer, the girls were taken in small groups to outdoor pools in the vicinity.

In the early fall, classes and recreation periods were given over to preparation for Field Day, which took place in October. Medals were awarded to winners in each event. Cups were awarded to the Junior and Senior Champions, and a larger one, to be competed for each year, was presented to the cottage winning the greatest number of points.

Basketball was very popular during the winter, class and cottage teams competing on Friday evenings. A School team was organized and trained, which compared favourably with the Galt and Kitchener Collegiate teams. It was felt that the contact with Collegiate girls of the same age was an excellent thing for our girls, from the social as well as the athletic standpoint. Our girls conducted themselves creditably both as visitors and as hostesses to visiting teams.

A new site was selected for the skating rink, which provided a larger expanse of ice. Lights were strung above the ice, which made possible many an evening's enjoyment. Skating was in vogue as long as the ice lasted.

With the advent of the new group who came in in March with little or no training in physical education, it was necessary to re-organize classes to meet the requirements of this group.

CAMP

During the first two weeks of July, the whole School went to the Ryerson Beach Summer Camp on Lake Erie for ten days. The daily schedule covered such activities as swimming, hiking, boating, handicraft work, and general camp procedure. A group of volunteer workers, recruited from the students of the Social Science Department, University of Toronto, Macdonald Institute, Guelph, and Toronto Public School teachers, gave valuable assistance to the staff in making this a period of excellent training in outdoor life and in re-socialization.

During the remainder of the summer, these volunteers remained at the School, assisting in all activities carried on during that time. The lives of the girls were enriched by the friendships and interests contributed by this splendid group of Councillors.

EXTRA-CURRICULAR

SCULPTURING AND CLAY MODELLING

Through the kindness of a volunteer teacher, classes in sculpturing and clay modelling were carried on one evening a week, during the winter months. This creative work supplied a vivid interest and provided an opportunity for self-expression. Excellent results were obtained, and real talent discovered.

SINGING

A class for those who were interested was organized for singing, one night a week. At least three-quarters of the School joined this class. Group songs and part-singing were taught. Much enjoyment resulted from the practice of popular songs and hymns.

PIANO

It was discovered that many girls had an ambitious craving to take music lessons. Several donations of used pianos and the willingness of a qualified staff to teach this work made it possible to gratify these long felt wishes. Instruction included both group work and individual lessons. Through these lessons, and practice periods, great enjoyment and real benefit was derived.

HANDCRAFT

Throughout the year, the craft that held the interest of the greatest number was knitting. No definite class periods were assigned this work. Instruction was given by various members of the staff, and wool was supplied as part of the clothing budget. A great percentage of leisure time was spent on this popular occupation. Leather work, weaving and rug making were taught during the summer. Preparatory to the making of Christmas gifts, instruction in embroidery and art needle work was given one night a week.

RELIGIOUS INSTRUCTION

Classes in Religious Instruction were held once a week during the year. Rev. C. C. MacDonald, of the First United Church, Galt, was in charge of this work.

Seven Anglican girls joined the Confirmation Classes and were confirmed in June, in St. John's Church, Preston.

Sunday morning services were attended by the whole School each week, the Anglican members walking to Preston, and the United Church members to Galt.

Evening services were held in the School auditorium. In these services, members of the student body were chosen to act as chairman and committee in conducting the service. These services were enriched by addresses from special speakers from Toronto, Hamilton, Galt, etc.

PREPARATION FOR RE-ESTABLISHING GIRLS IN THE COMMUNITY

Vacation periods in which the girl returns to her own home, if a fit one, or to a friend's, or foster home, were given the girls at Christmas and midsummer. This holiday had to be won by good behaviour, this factor also determining the length of stay. In only one instance was trust violated in returning to the School on the date specified. These short periods of probation proved valuable in ascertaining the progress of the girls towards re-socialization, and in establishing a feeling in the girl of self-reliance and trustworthiness.

From time to time, requests came for girls to fill short work periods varying from a few hours to a few days—from people in the vicinity of the School. Girls, who proved themselves capable through good conduct and application to training, were allowed to take these jobs. It was felt that these contacts with actual work conditions could be used as tests of the girl's ability, and as a gauge of her readiness to be discharged from the School to a position. These test positions were found to be of great value in the training of the girls.

MEDICAL REPORT

As each girl entered the School, a physical examination was given her, which included a thorough investigation of all organs, and complete pelvic examination, blood wassermen and gynecological smear tests; urinalysis and cursory nervous examination. As far as possible, personal and family histories relative to physical and medical disorders were ascertained and recorded. Findings were reported and treated accordingly.

ELMA FINK, M.D., Examining Physician.

All patients, whether surgical or medical, have recovered within as short a time as could possibly be expected. No girl has left the School, knowingly, who was not enjoying good health at that time.

Previous to this report, one of the girls had required considerable attention following an appendectomy, as the wound had broken out several times after being healed for some months. In the last operation a considerable portion of the skin on either side of the wound was excised. The wound was closed as far as possible. The remaining part of the wound was allowed to granulate and fill in. This was hastened by several skin grafts being placed in the wound. The results have been excellent, and she is now a healthy girl occupying a position.

One girl was removed to the Ontario Hospital, at London, and one was admitted to the Psychiatric Hospital, Toronto.

SUMMARY OF SURGICAL AND MEDICAL WORK

SURGICAL

1.	Appendectomies	2
2.	Currettment	1
3.	Abscesses opened	2
4.	Infections	4
5.	Lacerations	4
6.	Tonsils and adenoids removed	9

MEDICAL

1.	Measles	8
2.	Tonsillitis	6
3.	Impetigo	4
4.	Appendicitis (no operation)	5
5.	Influenza	1
6.	Scabies	1
7.	Pleurisy	1
8.	Nephritis	4
9.	Erythema	1
10.	Sprains	1
11.	Gastritis	2
12.	Ruptured blood vessel in eye	1
13.	Abdomen examination	2
14.	Infected tooth	1
15.	Rectal examination	1
16.	Supplied glasses	8
17.	Supplied lenses	1
18.	Ear treatments	10
19.	Nose and throat treatments	8
20.	Eye treatments (Conjunctivitis)	2
	Attendances at School	143
	Attendances at office	79
	Attendances at hospital	147

S. E. CHARLTON, M.D., School Physician.

DENTAL REPORT

Average Attendance	46
Amalgam Fillings	237
Porcelain Fillings	54
Prophylaxis	110
Extractions	33
Treatments	41
Root Canal	20

Total operations, 492. Most of the extractions were of deciduous teeth. Root Canal work was confined largely to anterior teeth, while treatments were palliative, with the exception of two mild cases of gingivitis. Each girl was examined three times during the year.

W. H. RENWICK, D.D.S., School Dentist.

MENTAL HEALTH CLINIC

The Mental Health Clinic from the Ontario Hospital, Hamilton, visited the School one half-day a month during the school year. Twenty-seven girls were examined, and of these, nine were re-examined.

An effort was made to aid these problem girls adjust to the School environment, and to aid in correcting their former delinquencies. It was found that emotional instability arising out of unsatisfactory pre-school environment was the cause of most of the trouble.

At the end of every visit, each case was thoroughly discussed with the staff. Recommendations were made regarding treatments and check-ups for both mental maladjustment and physical defects which might have a bearing on mental attitude.

H. ROY BRILLINGER, M.D.,
Director, Mental Health Clinic.

AMALGAMATION OF TWO SCHOOLS

In February, 1936, the amalgamation between the Alexandra Industrial School and the Ontario Training School for Girls was begun. The finding of foster homes and positions for some forty girls in so short a period as a month was no mean task. By the splendid co-operation and unremitting efforts of the staff, this undertaking was satisfactorily completed within the time limit.

ATTENDANCE REPORT

April 1, 1935 — March 31, 1936

Number of girls in residence, April 1, 1935	46	
Admitted during the year	51	
Re-admitted during the year	14	
Discharged during the year		48
Transferred to other Institutions		3
On working agreement		4
Away without leave		4
Number of girls in residence, March 31, 1936		52
	111	111
Average daily attendance		46.07

ANALYSIS OF RESIDENCE

Name of School	Location	Number of Pupils in training April 1, 1935	Number admitted during the year	Number returned, including those A. W. L.	Average daily attendance	Number graduated during the year	Number transferred during the year	Number A. W. L. during the year	Number in School March 31, 1936
Ontario Training School for Girls	Galt, Ontario	46	51	10	46.07	48	3	4	52

E. I. McKIM, School Superintendent.

APPENDIX F

Report on Refuges

January 1st, 1935 to December 31st, 1935

There are, in the Province of Ontario, coming under the Inspection of the Department of Public Welfare. thirty-one (31) County, forty-four (44) City and three (3) District Refuges. There were 2130 residents in the County, 3246 in the City and 163 in the District Refuges, or a total of 5539 residents in all for the year 1935.

It has been our policy to establish certain standards and also to attempt to live up to them. Special attention has been given to fire prevention, sanitation, ventilation, heating, dietary, etc. The results have been quite satisfactory.

Wherever possible, we have advised that at least 100 acres of land be secured for farm purposes so that crops may be properly rotated and sufficient pasturage provided for cattle; that all cattle be accredited and tested for T.B. and Abortion and a daily record kept of production. Where these suggestions have been followed, the consequences have been very gratifying.

We have made our recommendations with the desire to bring about necessary improvements and at the same time help the Management to maintain the Refuges as economically as possible. The average cost per diem for each resident in the County was 59c; in the City $1.04 and in the District Refuges 79c. The cost of maintenance for the County Refuges was $449,576.34; City Refuges $1,171,449.86 and for the District $40,431.40. The total cost for all was $1,661,457.60.

There have been a number of improvements made in these Refuges during the past year and a real change for the better has been noted. Some buildings have been completely painted inside and out; a new elevator has been installed valued at $10,000.00; new roofing and eave troughing placed; new wire lath and plaster applied; electric wiring set in conduits; tile or terrazzo floor laid in wash rooms; and old plumbing replaced by modern equipment, etc.

The co-operation and assistance given the Department of Public Welfare by all Committees, Boards, Superintendents and Matrons is greatly appreciated.

S. L. CHARLTON, Inspector.

APPENDIX G

Report of
Medical Officer

April 1st, 1935 to March 31st, 1936

In submitting my statistical report on incapacitation cases under the Mothers' Allowances Act, may I invite your attention to the fact that 24% of new cases and 31.8% of reinstated cases are due to pulmonary tuberculosis. This would indicate that the continued fight against this disease is most necessary. As pointed out in my report of last year, there is the difficulty of re-establishing these men who have become apparent cures, but are incapable of engaging in any but the lightest forms of occupation.

I should like to emphasize the fact that, for a mother to qualify under the Incapacitation Clause of the Mothers' Allowances Act, the husband must not only be totally disabled, but must be permanently so. A great many cases are submitted for consideration where the man is totally disabled from a condition which, under proper care and treatment, should clear up eventually. Under present legislation, the responsibility for such care and treatment rests upon the municipality.

Again, I must express my appreciation of the assistance given by the Tuberculosis Branch and the Hospitals Branch of the Department of Public Health, by the Superintendents of General and Mental Hospitals, and by the medical profession at large.

(Statistical reports of incapacitation cases are attached.)

INDUSTRIAL AND TRAINING SCHOOLS

While the case load of Mothers' Allowances Cases is yearly increasing, I have given greater supervision over the medical services of the Industrial Schools and Training Schools. In exercising this supervision, I have received the unstinted co-operation of all branches of the Department of Public Health.

G. G. CLEGG, Medical Officer.

APPENDIX H

Report of
The Soldiers' Aid Commission of Ontario
April 1st, 1935 to March 31st, 1936

The Membership of the Commission was continued as for the previous period, namely: Chairman, Captain E. A. Baker, Toronto; Mr. Charles Brown, Toronto; Dr. Walter Charteris, Chatham; Lieutenant-Colonel John A. Dewart, Peterborough; Major Fred R. Palmer, St. Thomas; Colonel T. J. Rutherford, Owen Sound; Major-General V. A. S. Williams, Toronto; Mr. T. Summers Wilson, Sudbury.

Commission Meetings to the number of six were held.

During this period careful attention was given to the Welfare of all Wards and particularly to those requiring adjustment—those who had been given care during extended periods in the Hostel, presented in most cases Special Problems, which required Special Attention and consideration.

In order to meet the needs of those Special Cases and problems arising with Female Wards generally, the Commission engaged the services of Miss Grace Atkey, a Trained Social Service Worker, as from May 16th, 1935.

Miss Atkey's work during the year was attended with results which more than justified her appointment, particularly with respect to the girls under the guardianship of the Soldiers' Aid Commission; regular visits were made to them in their Foster Homes, Boarding Homes or Places of Employment, and a careful watch maintained as to their habits, educational requirements and health. Securing of suitable positions for those of an employable age, after careful study as to Temperament, Suitability and Aptitude for any particular form of employment had been thoroughly explored, and generally advising them with their Social and Economic Problems. Wednesday afternoons were set aside for Office Interviews, when from 10 to 15 girls called for Counsel and Advice.

CROFT ESTATE

The Real Estate, consisting of Vacant Lots, bequeathed by the Croft Estate, gave much concern during this period, owing to accumulating Taxes. As a result of intensive efforts two of these lots were sold for sufficient to clear Tax Arrears and leave a substantial margin.

At the end of the year negotiations were in progress for sale of the remaining Properties.

HANDBOOK OF INFORMATION FOR VETERANS IN ONTARIO

Due to widespread evidence of the need for reliable information for Veterans as to appropriate sources of assistance of a Dominion, Provincial and Private Character, the Commission, with the consent of the Minister, decided to publish a "Handbook of Information."

Authoritative Statements were secured from all Governmental, Veteran and Private Agencies concerned and the Handbook was published.

Complimentary Copies were distributed throughout the Province as follows:

Members of the Provincial and Dominion Legislatures
The Press
Public Libraries
The Secretaries of all Branches of Veterans' Organizations
The Secretaries of all Chapters of the I.O.D.E.
The Secretaries of all Women's Institutes
To all Department of Welfare Representatives and Welfare Agencies
Provincial Police and Department of Northern Development Representatives
Representatives of the Department of Pensions and National Health
Soldiers' Settlement Board

and to individuals interested in the Welfare of Veterans and their dependents.

Over 4,000 copies were thus distributed.

Since extensive changes in Legislation affecting Veterans and existing facilities were anticipated, arrangements were made with a number of "Key" persons to be provided with specially prepared inter-leaved copies in which to keep a record of Amendments and Suggestions.

These Key Copies will be available to the Commission when the question of a Revised Edition arises.

The Handbook was most favourably received; the unanimous expression of opinion was that it met a serious and long felt need.

GENERAL

The Commission is pleased to report that no bona fide case of need coming to their attention has been overlooked—each one has been referred to the appropriate Department or Agency, or, failing possible or prompt action elsewhere, has been served by the Commission.

The volume of inquiries has shown a substantial increase over the previous period. On the other hand administrative expense has been very substantially reduced whilst direct assistance and the number of cases served has increased.

The Commission is pleased to report that Trust Funds in hand from the Kathleen Hammond Estate and other sources, now represent the largest total which has been available for several years. The Commission will thus be able to render increased service in accordance with the Specific Conditions applying in the case of each of the Trust Funds.

It is gratifying to record that the closing of the Hostels and the placing of the Wards in Boarding Homes has proved most beneficial to all concerned. The Wards so placed have responded in a marked degree to Home Influences, so difficult to provide even in the most up-to-date and carefully supervised Hostels.

The Commission is pleased to gratefully acknowledge the interest and helpful co-operation of the Minister and all Officials of the Department of Welfare, also that of the Canadian Legion and other Veterans' and Welfare Organizations concerned.

The appended Service, Statistical and Financial Reports will give a clear indication of the volume of detailed service and expenditure for the year.

All of which is respectfully submitted.

E. A. BAKER, Chairman.

M. PINNDER, Director.

APPENDIX I

Report of
Ontario Society for Crippled Children
1935 — 1936

THE OBJECTS OF THIS SOCIETY ARE:

(1) Prevention of the conditions which cause crippling.

(2) The study and interpretation of causes and the need of discovery.

(3) The securing of co-operation among all interested agencies, both public and private.

(4) The maintenance of a central office to facilitate the most effective means of providing necessary care for all needy crippled children in the Province.

The Provincial Government has provided suitable office space for the Society at 15 Queen's Park. Although this is a "private" organization, there is close co-operation with the Department of Public Welfare and also the Departments of Health and Education. This close association has been advantageous to all concerned.

For the past eight years the major efforts of the Ontario Society for Crippled Children have been directed towards the extension of work into new territory. County by county, the interest of service organizations has been obtained with the result that there is some competent local service club or other organization taking care of the physical needs of crippled children in forty-nine counties and districts. Some parts of the remaining counties are covered. In several, the Ontario Society itself has assumed responsibility and is working through a local organization such as the Children's Aid Society or a specially appointed committee.

The Society has undertaken an active campaign of general education concerning the problems of the handicapped, through the media of newspapers, radio and addresses to organizations.

NEW SERVICES UNDERTAKEN DURING THE YEAR:

The Crippled Children's Foundation Fund was incorporated to provide a greater participation by the public in the support of the work. The Fund stands at $104,000.00, which is in government bonds, and the interest only was used by the Society during the year.

A District Office was established in London, Ontario, at the War Memorial Children's Hospital. Miss Gretta M. Ross, Reg.N., was employed as District Supervisor, her responsibility extending through the counties of Middlesex, Elgin, Oxford, Lambton, Huron, Kent and Essex.

The Society undertook direct responsibility for the transportation and appliances of children in Parry Sound District and Dufferin County. In the latter, the Children's Aid Society appointed a special committee and assumed general supervision of the cases.

Conditions were surveyed in Northern Ontario, and through the co-operation of service clubs in Cobalt, Haileybury, New Liskeard, Kirkland Lake and Timmins, a doctor, nurse and stenographer were sent by the Society to conduct clinics.

In order to cultivate and form public opinion, a magazine, "The Horizon," has been published bi-monthly, commencing with December, 1935, with a mailing list of over 10,000. This magazine will be sent free on request to any interested person.

At the Annual Meeting in March, 1936, the Treasurer showed an expenditure of $14,537.32 and the budget for the succeeding year showed an increase in this amount of approximately $5,000. In this budget, the contribution of the Provincial Government, through the Department of Public Welfare, represents approximately 30%.

R. W. HOPPER, Executive Secretary.

PART II

FINANCIAL AND STATISTICAL REPORT

OF THE

DEPARTMENT OF PUBLIC WELFARE

1935 — 1936

PART II

FINANCIAL AND STATISTICAL REPORT

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Department of Public Welfare

Financial Report

Year ended March 31st, 1936

DIBURSEMENTS

	Ordinary Expenditure	Capital Payments
MAIN OFFICE		
Minister's Salary	$ 8,000.00	
Permanent Salaries	25,852.03	
Temporary Salaries	799.33	
Travelling Expenses	2,072.41	
Purchase of Equipment	959.89	
Stationery and Printing	2,531.52	
Telegraph and Telephone	1,443.89	
Miscellaneous	411.15	
Maintenance of Indigents	3,714.82	
Burial of Indigents	2,609.34	
GRANTS		
Refuges	72,186.80	
Orphanages	43,294.80	
Industrial Schools	58,013.00	
Soldiers' Aid Commission	26,465.69	
	$ 248,354.47	
CHILDREN'S AID BRANCH		
Permanent Salaries	$ 33,983.08	
Temporary Salaries	2,389.06	
Travelling Expenses	4,544.08	
Purchase of Equipment	1,063.52	
Stationery and Printing	1,402.04	
Telegraph and Telephone	94.81	
Miscellaneous	371.53	
C.U.P.A. Travelling Expenses	7,205.43	
C.U.P.A. Maintenance	36,055.05	
C.U.P.A. Legal Costs	2,986.41	
Salaries, Local Superintendents	31,024.37	
	$ 121,119.38	
TRAINING SCHOOL FOR BOYS		
Permanent Salaries	$ 48,361.94	
Temporary Salaries	1,852.10	
Travelling Expenses	2,883.73	
Medicines	1,739.37	
Groceries and Provisions	15,129.21	
Fuel, Light and Water	10,582.72	
Clothing	7,150.26	
Laundry and Cleaning	5,521.20	
Furniture and Furnishings	1,179.26	
Office Expenses	2,295.71	
Farm Expenses	2,760.41	
Contingencies	21,267.67	
Maintenance and Repairs of Building	9,851.34	
Car Allowances	400.00	
	$ 130,974.92	

	Ordinary Expenditure	Capital Payments
TRAINING SCHOOL FOR GIRLS		
Permanent Salaries	$ 13,633.99	
Temporary Salaries	600.11	
Travelling Expenses	1,099.64	
Medicines	2,443.16	
Groceries and Provisions	5,705.75	
Fuel, Light and Water	4,367.60	
Clothing	2,678.97	
Laundry and Cleaning	1,445.30	
Furniture and Furnishings	258.75	
Office Expenses	713.69	
Farm Expenses	843.82	
Contingencies	3,770.44	
Maintenance and Repairs of Buildings	701.92	
	$ 38,263.14	
MOTHERS' ALLOWANCES COMMISSION		
Permanent Salaries	$ 48,981.26	
Temporary Salaries	1,647.29	
Travelling Expenses	19,261.75	
Purchase of Equipment	789.59	
Stationery and Printing	4,781.45	
Telephone and Telegraph	60.88	
Local Board Expenses	4,477.26	
Miscellaneous	151.69	
Allowances, Provincial and Municipal	2,133,489.86	$ 1,813,326.35
	$ 2,213,641.03	$ 1,813,326.35
OLD AGE PENSIONS COMMISSION		
Permanent Salaries	$ 29,078.14	
Temporary Salaries	1,804.66	
Travelling Expenses	4,712.49	
Purchase of Equipment	451.24	
Stationery and Printing	8,338.39	
Telephone and Telegraph	10.86	
Registration Fees	1,329.60	
Miscellaneous	427.18	
Pensions, Federal, Provincial and Municipal	$ 1,770,885.31	$ 9,477,821.44
	$ 1,817,037.87	$ 9,477,821.44
SPECIAL WARRANTS		
Annuity for H. Britton (re injuries)	$ 3,195.00	
Hydro Line to Dafoe Hospital	1,609.53	
D.A. Croll—Travelling Expenses	1,500.00	
Memorial Wreaths	2,096.50	
Alexandra Industrial School, Salaries, etc.	11,511.54	
Alexandra Industrial School, Bonds retired		$ 20,000.00
	$ 19,912.57	$ 20,000.00
TOTAL DISBURSEMENTS	$ 4,507,892.18	$11,311,147.79

RECEIPTS

	Ordinary Revenue	Capital Payments
TRAINING SCHOOL FOR BOYS		
Maintenance of Boys	$ 60,197.00	
Perquisites	5,108.00	
Produce and Livestock Sales	1,981.57	
Interest on Bonds		$ 460.00
	$ 67,286.57	$ 460.00
TRAINING SCHOOL FOR GIRLS		
Maintenance of Girls	$ 11,788.70	
Perquisites	2,324.77	
Produce Sales	11.16	
	$ 14,124.63	
MOTHERS' ALLOWANCES COMMISSION		
Accounts Receivable		
Municipalities		$ 1,837,189.97
OLD AGE PENSIONS COMMISSION		
Accounts Receivable		
Municipalities		$ 1,126,803.76
Dominion Government		8,677,034.05
Other Provinces		38,260.71
		$ 9,842,098.52
TOTAL RECEIPTS	$ 81,411.20	$11,679,748.49

W. J. CRAWFORD, Accountant.

STATISTICAL REPORT OF OLD AGE PENSIONS ACCORDING TO COUNTIES, 1935—1936 (1st April, 1935—31st March, 1936)

Municipality / Counties	Eligible	Ineligible	Reasons for Ineligibility										Reconsidered & granted	Status							Age				Nationality			Reconsiderations				Real Estate	
			Assets	Assets—Not Dis.	Age	Parents' Main. Act	Residence	Earnings	Property	Naturalization	Transfer of Propty.	Other Reasons		Full Pension	Part Pension	Male	Female	Bachelor	Widower	Spinster	Widow	Couple	70 to 75	76 to 80	81 to 85	86 and Over	Canadian Born	British Born	Foreign Born	Appeals: Increases	Appeals: Reinstatements	Appeals: Refusals	Reductions	Cancellations	Clear	Mortgaged
Brant	53	6	1		3	1	1						1	40	13	26	27	4	10	3	13	23	40	9	3	1	39	12	2	34		2		2	13	9
Bruce	128	13	2		7	2	1					1	11	87	41	77	51	13	19	9	29	58	88	22	10	8	108	15	5	50	3		2	6	37	14
Carleton	104	18	4		5	1	2				6		9	60	44	66	38	7	24	4	13	56	76	22	5	1	87	13	4	52	6	4	1	7	19	18
Dufferin	44	7			2	2	1				2		3	27	17	17	27	3	2	1	20	18	33	8	3		41	3		23	3	4			7	12
Elgin	93	12			5		3		2		1	1	5	61	32	46	47	6	13	8	19	47	75	10	5	3	74	15	4	27	3	2	5	5	24	15
Essex	147	17	1		5	1	1		1	2	4	2	4	98	49	83	64	6	26	1	35	79	107	31	6	3	128	14	5	44	2	2	5	3	25	20
Frontenac	94	11	1		5	1	2				2		8	57	37	54	40	6	17	3	19	49	76	10	7	1	88	4	2	47	5	5	1	4	21	21
Grey	126	9			6				2	1			2	87	39	71	55	8	22	4	32	60	92	20	10	4	110	13	3	56	3	3	2	5	31	20
Haldimand	53	4			2						2		4	31	22	26	27	2	7	3	15	26	38	10	4	1	43	9	1	27		2	2	4	16	6
Halton	58	5			4						1			41	17	37	21	2	14	7	6	29	43	11	4		38	19	1	36	2	1	1	4	12	11
Hastings	154	22	3		12	2	1		2		2		21	104	50	83	71	6	25	6	37	80	121	18	14	1	143	10	1	76	7	9	3	5	44	17
Huron	122	12	2		5	3		1	1				5	93	29	54	68	10	21	7	44	40	84	19	14	5	107	11	4	53	6	2	2	6	40	15
Kent	126	9	1		4	1	1	1			1		10	80	46	73	53	7	27	1	31	60	87	24	12	3	104	19	3	67	5	7	4	6	33	18
Lambton	83	6	1		1	1	1		2				7	67	16	49	34	5	12	6	23	37	57	20	4	2	71	9	3	67	3	3		2	21	14
Lanark	83	11	3		1	4					3		9	58	25	39	44	8	8	4	24	39	57	16	6	4	79	4		33	2	3	1	1	20	11
Leeds and Grenville	142	18	2		5		3		7			1	11	97	45	71	71	7	21	6	41	67	104	22	10	6	127	12	3	54	2			2	28	22
Lennox and Addington	87	14	1		10	2	1						6	56	31	52	35	7	15	1	19	45	72	7	7	1	80	6	1	35	2	1		2	22	5
Lincoln	98	11	3		3	2	2				1		4	70	28	50	48	3	15	5	23	52	71	15	10	2	72	22	4	13	2	1		2	19	13
Middlesex	132	15	2		3	2	2	1	2		2	1	5	89	43	74	58	13	15	11	32	61	99	21	10	2	107	22	3	29	2	4	2	4	27	30
Norfolk	66	21	1		13	1	2		1		2	1	4	51	15	31	35	2	6	4	18	36	57	6	1	2	55	6	5	36	4	4	1	6	12	12
Northumberland and Durham	172	22	3		12	2	4			1			9	130	42	86	86	7	30	8	57	70	122	24	20	6	154	15	3	86	4	4	2	6	32	20
Ontario	102	11	1		3	1	1				3	2	6	70	32	54	48	13	13	3	28	45	76	14	10	2	79	21	2	18	2	2	1	8	29	12
Oxford	82	3			1		1				1		3	51	31	46	36	3	11	2	18	48	64	12	5	1	72	10		23	6	2	1	7	16	13
Peel	56	7	2		3			1			1		2	35	21	31	25	4	11	2	13	26	49	7			36	19	1	21	4	2	1	3	9	8
Perth	50	7			2	1	1		2		1		1	31	19	20	30	2	8	6	14	20	37	10	2	1	41	8	1	15	1	1	1		13	9
Peterborough	62	7	1		4	1			1				5	36	26	38	24	4	10	1	10	37	51	7	4		56	6		53	2	12		2	28	14
Prescott and Russell	131	34	2		3	9	6	2	2	1	8	1	11	66	65	69	62	6	19	1	39	66	94	20	12	5	131			107	8	13	5	4	26	
Prince Edward	63	7	3		2	1						1	5	42	21	31	32	4	6	1	18	34	48	8	6	1	56	6	1	21	5		3	2	13	9
Renfrew	162	28	1		7	2	6	1		3	6	2	12	97	65	93	69	12	22	9	33	86	113	25	16	8	126	10	26	66	6	16		8	45	14
Simcoe	270	23	2		14	2	1	2			1	1	22	200	70	128	142	21	33	13	78	125	214	37	13	6	219	48	3	169	3	13	2	11	73	38
Stormont, Dundas & Glengarry	220	19	3		3	1	7		1		3	1	7	134	86	116	104	10	30	16	43	121	159	41	10	10	210	9	1	102	2	14		4	45	20
Victoria	76	10	4		1	2					2	1	10	50	26	43	33	5	11	1	18	41	60	11	3	2	69	7		67	4	1	2	4	29	8
Waterloo	99	6	2				1			2	1		8	67	32	60	39	2	18	5	11	63	73	18	7		80	12	7	23	4	8	4	4	21	7
Welland	104	16	1		5	2	4		2		1	1	3	76	28	57	47	5	12	5	23	59	84	13	4	3	75	17	12	28	1	7	2	6	23	21
Wellington	95	8			5		1		1		1		6	58	37	52	43	11	14	5	28	37	78	10	4	3	84	9	2	41	3	6	2	5	14	12
Wentworth	82	7			3	1			3					60	22	41	41	8	4	9	15	46	69	10	2	1	62	20		32		4	3	1	7	11
York	412	20	4		8	1	5				1	1		313	99	199	213	16	55	24	112	205	336	51	17	8	216	189	7	169	9	7	2	12	78	14
TOTALS	4231	476	57		177	52	62	9	32	10	59	18	239	2870	1361	2243	1988	258	626	205	1051	2091	3205	639	280	107	3467	644	120	1900	126	171	63	163	972	533

CITIES

Municipality / Cities	Eligible	Ineligible	Reasons for Ineligibility										Reconsidered and Granted	Status							Age				Nationality			Reconsiderations					Real Estate	
			Assets	Assets not Dis.	Age	Parents' Main. Act	Residence	Earnings	Property	Naturalization	Trans. of Property	Other Reasons		Full Pension	Part Pension	Male	Female	Bachelor	Widower	Spinster	Widow	Couple	70 to 75	76 to 80	81 to 85	86 and Over	Canadian Born	British Born	Foreign Born	Appeals: Increases	Appeals: Reinstatements	Refusals	Reductions	Cancellations	Clear	Mortgaged
Belleville	30	2											1	23	7	16	14	2	3	2	7	16	21	6	3		22	8		24	3	3	3	3	10	1
Brantford	93	9	3			2	1	2		1			1	76	17	46	47	6	12	9	25	41	75	12	2	4	53	32	8	11	1	4	3	6	16	13
Chatham	61	4	1			2		1					3	47	14	27	34	3	8	2	17	31	49	10	2		42	12	7	11		2	1	1	11	11
East Windsor	8													7	1	2	6		2		1	5	7	1			7	1		1				1	1	1
Fort William	45	2			1									33	12	18	27	2	2	1	16	24	40	3	2		22	16	7	2		1	1	1	12	1
Galt	56	5	1			1	2				1		1	35	21	31	25	2	4		12	38	43	8	4	1	32	23	1	19	2				11	9
Guelph	69	8	4					1	1		2		2	48	21	34	35	1	7	1	19	41	58	8	3		47	22		22	6	1	1	1	13	12
Hamilton	330	32	10		4	5	1	2	2		5	3	14	241	89	144	186	12	30	16	93	179	299	24	6	1	168	146	16	76	23	7	7	18	45	46
Kingston	56	17	5		5	3	2				2		5	36	20	26	30	5	9	7	14	21	43	10	3		41	14	1	14	4			6	3	1
Kitchener	85	7	1		2	1	1				2		4	60	25	44	41	4	15	4	21	41	66	14	2	3	67	3	15	15		1		1	5	8
London	193	39	18		6	10			1		1	3	11	141	52	79	114	10	14	18	63	88	165	14	12	2	108	76	9	39	3	1	2	11	40	20
Niagara Falls	48	6	2			2			1			1	5	38	10	30	18	3	15	1	12	17	36	10	1	1	36	7	5	11		1	3	2	15	9
North Bay	29	14	1		12	1							4	22	7	13	16		4	2	8	15	24	3	1	1	26	3		6	1	1			4	2
Oshawa	42	5	2				1				2		5	32	10	17	25		5	2	13	22	34	6	1	1	24	17	1	3		1	4	1	7	9
Ottawa	298	53	3		9	3	16			1	1	20	7	213	85	128	170	18	32	20	91	137	259	28	11		233	49	16	70	17	2	4	21	22	20
Owen Sound	46	6	2		3	1							2	24	22	27	19	3	4	2	9	28	37	6	3		36	10		15	1	2	2	1	7	6
Peterborough	61	3	1		2								3	49	12	28	33	2	6	7	20	26	49	8	3	1	43	18		13	1			4	8	5
Port Arthur	34	4	2		1		1							22	12	21	13	1	2		3	28	33		1		16	12	6	8		1			10	6
St. Catharines	37	6	3		1		1				1		3	32	5	12	25		6	5	11	15	31	4	1	1	19	14	4	21	1	1		5	5	2
St. Thomas	37	5	2			1					1	1	2	27	10	18	19	2	6	3	13	13	27	4	5	1	26	11		11	1		1	7	9	5
Sarnia	46	2			1						1		2	37	9	21	25	2	7	2	16	19	41	3	2		34	12		9					8	6
Sault Ste. Marie	47	3	1		1		1						2	31	16	22	25	3	6	1	9	28	41	3	2	1	38	3	6	8	2		2		10	8
Stratford	53	7	2			1	2		2					37	16	21	32	2	10	4	18	19	39	5	9		38	13	2	12			1		18	10
Sudbury	33	2			2								3	27	6	18	15	2	5		8	18	31	1		1	31	1	1	5	1	1		1	1	1
Toronto	1589	155	71		2	11	14	9	16		28	4	104	1229	360	665	924	66	191	131	515	686	1332	177	64	16	820	621	148	365	41	17	5	86	147	222
Welland	15	3			1	1					1		4	7	8	4	11	1	1		7	6	11	4			10	5		2		1		1	2	2
Windsor	159	12	1		1	2	3		2		3		7	114	45	78	81	5	26	4	45	79	132	20	6	1	115	31	13	25		4	1	6	14	21
Woodstock	28	3	1		1	1							1	20	8	10	18		3		11	14	18	4	4	2	21	7		5	2			3	5	4
TOTALS	3628	414	137		59	45	48	12	28	1	52	32	196	2708	920	1600	2028	157	435	244	1097	1695	3041	396	153	38	2175	1187	266	823	110	53	41	188	459	461

TOWNS

Municipality / Towns	Eligible	Ineligible	Reasons for Ineligibility										Reconsidered & granted	Full Pension	Part Pension	Status							Age				Nationality			Reconsiderations					Real Estate	
			Assets	Assets Not Disclosed	Age	Parents' Main. Act	Residence	Earnings	Property	Naturalization	Trans. Of Property	Other Reasons				Male	Female	Bachelor	Widower	Spinster	Widow	Couple	70 to 75	76 to 80	81 to 85	86 and Over	Canadian Born	British Born	Foreign Born	Appeals: Increases	Appeals: Reinstatements	Appeals: Refusals	Reductions	Cancellations	Clear	Mortgaged
Brockville	23	2			1						1		1	18	5	15	8	1	5	1	5	11	19	1	2	1	20	2	1	7	2	2		1	4	3
Gananoque	11	2			1		1							8	3	7	4	1			3	7	10	1			9	2		6					4	3
Ingersoll	17	3	1						2				2	9	8	10	7		4		5	8	14	2	1		14	3		3				1	1	2
Prescott	6	1				1							1	4	2	3	3		1		2	3	3	2	1		4	1	1	2					2	
St. Mary's	9												1	7	2	6	3		3		2	4	7		1	1	8	1			1			1	1	2
Smith Falls	12	4	1		1				2					11	1	4	8		4		7	1	9		2	1	10	1	1	3	1	1		1	2	
Timmins	14	4			1	2	1							9	5	6	8	2	4		5	3	13		1		10	3	1	3					1	
Trenton	17	2	1		1									11	6	8	9		4	1	6	6	14	2	1		12	4	1	8			2	2	8	
Walkerville	22	3			1						1	1		10	12	9	13		1		5	16	16	3	1	2	14	7	1	6				2	4	4
TOTALS	131	21	3		6	3	2		4		2	1	4	87	44	68	63	4	26	2	40	59	105	11	10	5	101	24	6	38	4	3	2	8	27	14

DISTRICTS

Algoma	62	12	1		6		1		2		2			41	21	37	25	5	13	2	8	34	50	8	3	1	53	4	5	25	2	5	3	2	21	4
Cochrane	54	8	1		5	1						1	4	26	28	33	21	5	10		11	28	48	4	1	1	40	12	2	12	1				7	7
Haliburton	14	5			5								3	13	1	10	4		6	1	3	4	13			1	11	2	1	9	1	5			3	
Kenora	34	4			2		2						1	28	6	18	16	5	4	1	7	17	28	5	1		14	9	11	7	2	2			12	4
Manitoulin	23	5			4	1								15	8	17	6	4	6		5	8	22		1		21	2		6	1	1			6	3
Muskoka	60	15			6	1	1	1	3		3		5	39	21	32	28	4	10		10	32	52	4	3	1	43	16	1	30	3	4		3	24	2
Nipissing	66	19	1		13	1	1		1		2		4	31	35	36	30	3	10	4	16	34	56	6	4		50	6	10	36	3	8	1	3	13	6
Parry Sound	66	24	4		12	3					4	1	5	42	24	38	28	5	7	3	12	38	55	3	7	1	54	8	4	25	3	4		4	30	2
Rainy River	61	9	1		3	1	2				2		2	35	26	38	23	9	14	3	11	26	52	8		1	30	13	18	43	3	5	2	3	25	6
Sudbury	93	19	1		7		1		1	2	7		7	55	38	56	37	11	14	1	17	49	84	4	4	1	81	7	5	23	2	3	1	1	20	10
Thunder Bay	47	9			5		1	1			1	1	2	30	17	29	18	3	6	2	9	29	38	5	4		16	18	13	5	1	2			8	2
Temiskaming	81	11	1		7		1		1		1		4	44	37	45	36	8	11		20	42	71	7	2	1	62	14	5	24	5	1	2	4	26	7
Pelee Island	1													1			1					1	1					1								
TOTALS	662	140	10		75	8	10	2	8	2	22	3	37	400	262	389	273	62	111	17	129	343	570	54	30	8	475	112	75	245	27	40	9	20	195	53

	Eligible	Ineligible	Full Pension	Part Pension	Male	Female	
Grand Totals	8652	1051	6065	2587	4300	4352	Year Ending 31st March, 1936

OLD AGE PENSIONS

Total cheques issued	$11,440,906.18	
Less cancelled cheques	95,574.19	
		$11,345,331.99
Less refunds from estates, etc.		96,625.24
		$11,248,706.75
Payable by Municipalities	$ 1,026,926.90	
Payable by other Provinces	31,536.17	
Payable by Dominion of Canada	8,419,358.37	
Payable by Province of Ontario	1,770,885.31	
		$11,248,706.75
Payments received from Municipalities	$ 1,126,803.76	
Payments received from other Provinces	38,260.71	
Payments received from Dominion of Canada	8,677,034.05	
		$ 9,842,098.52

OLD AGE PENSIONS

PAYMENTS BY MUNICIPALITIES

COUNTIES	Amount Charged March 31, 1935, to March 31, 1936	
Brant	$ 7,762.75	
Bruce	11,642.28	
Carleton	12,825.02	
Dufferin	4,467.97	
Elgin	12,539.88	
Essex	18,236.43	
Frontenac	8,994.92	
Grey	13,682.33	
Haldimand	6,227.37	
Halton	7,859.68	
Hastings	17,798.35	
Huron	15,863.18	
Kent	13,189.26	
Lambton	10,416.06	
Lanark	10,364.43	
Leeds and Grenville	16,113.13	
Lennox and Addington	8,069.49	
Lincoln	9,975.05	
Middlesex	16,403.53	
Norfolk	12,569.20	
Northumberland and Durham	22,646.17	
Ontario	15,229.61	
Oxford	8,294.17	
Peel	8,395.65	
Perth	7,945.01	
Peterboro	8,224.40	
Prescott and Russell	16,853.85	
Prince Edward	9,158.07	
Renfrew	17,066.24	
Simcoe	34,168.16	
Stormont, Dundas and Glengarry	24,097.71	
Victoria	8,610.81	
Waterloo	11,781.41	
Welland	13,112.73	
Wellington	10,434.02	
Wentworth	10,474.61	
York	52,998.09	
		$ 514,491.02

TOWNS

Brockville	$ 4,564.70	
Gananoque	2,053.81	
Ingersoll	2,015.31	
Prescott	1,161.20	
St. Marys	1,468.25	
Smiths Falls	2,447.51	
Timmins	1,591.01	
Trenton	3,091.93	
Walkerville	2,122.13	
		20,515.85

CITIES

Belleville	$ 5,109.89	
Brantford	15,567.24	
Chatham	6,364.77	
East Windsor	1,368.70	
Fort William	3,575.09	
Galt	5,759.87	
Guelph	7,309.36	
Hamilton	50,287.47	
Kingston	8,946.61	
Kitchener	6,968.15	
London	28,858.25	
Niagara Falls	4,043.31	
North Bay	3,975.77	
Oshawa	6,013.48	
Ottawa	41,935.20	
Owen Sound	5,743.55	
Peterboro	8,653.83	
Port Arthur	3,896.70	
St. Catharines	8,093.56	
St. Thomas	5,716.83	
Sarnia	5,536.37	
Sault Ste. Marie	6,231.59	
Stratford	6,644.38	
Sudbury	3,475.40	
Toronto	217,401.90	
Welland	1,941.82	
Windsor	18,725.63	
Woodstock	3,775.31	
		491,920.03
Total		$1,026,926.90

STATISTICAL REPORT

MOTHERS' ALLOWANCES COMMISSION

APRIL 1st, 1935—MARCH 31st, 1936

STATEMENT REGARDING ALL BENEFICIARIES ON THE ALLOWANCE PAY LIST DURING THE YEAR ENDING MARCH 31st, 1936

Number of beneficiaries on the allowance list March 31st, 1935	7,517
Number of beneficiaries on the allowance list March 31st, 1936	10,413
Increase in beneficiaries during the fiscal year	2,896 or 38.53%
Number of beneficiaries on allowance list March 31st, 1936	10,413
Number of beneficiaries on allowance list part of this period but later cancelled	776
	11,189
Number of applicants ineligible March 31st, 1936	1,547

Cause of Dependency	Number of Families	Number of Children
Death of father (widow)	7,030	15,991
Incapacitation:—		
(a) Insanity (husband in asylum)	343	989
(b) Other causes	2,688	7,448
Desertion	818	1,613
Death of both parents (foster-mother)	310	656
	11,189	26,697

Number of children in these families	Number of Families	Number of Children
Families with 1 child under 16 years	3,582	3,582
" " 2 children under 16 years	3,521	7,042
" " 3 " " " "	2,029	6,087
" " 4 " " " "	1,055	4,220
" " 5 " " " "	546	2,730
" " 6 " " " "	260	1,560
" " 7 " " " "	127	889
" " 8 " " " "	43	344
" " 9 " " " "	18	162
" " 10 " " " "	7	70
" " 11 " " " "	1	11
	11,189	26,697

Average Number of Children in these Families	Number of Families	Number of Children	Average Number of Children per Family
Cities	5,571	12,089	2.17
Towns	160	403	2.52
County:—			
Counties	4,466	11,444	2.56
Judicial Districts	992	2,761	2.78
	11,189	26,697	2.39

NATIONALITY BY BIRTH OF BENEFICIARIES

British:		
Canadian	7,118	
English	1,868	
Scottish	600	
Irish	271	
Other British	138	
		9,995
Others of Foreign Birth now Naturalized:		
American	273	
Russian	104	
Italian	189	
Polish	192	
Finnish	54	
Austrian	76	
Swedish	18	
German	17	
Norwegian	21	
Galician	8	
Others	242	
		1,194
		11,189

NATIONALITY BY PERCENTAGES

British:		
Canadian	63.62%	
Other British	25.71%	
		89.33%
Foreign (now Naturalized)		10.67%
		100%

CAUSES OF CANCELLATION

Only one child or no children under 16 years or not at school	228
Beneficiary re-married	99
Should be self supporting	56
Unsatisfactory home conditions	99
Husband no longer totally and permanently incapacitated	79
Beneficiary no longer resident in Province of Ontario	14
Only one child or no children with the mother	43
Husband no longer in an asylum	2
Beneficiary died	45
Now in possession of assets of a disqualifying amount	14
Now in receipt of allowance from other funds	12
False information at time of application	5
Voluntary withdrawal	11
Beneficiary in an institution	1
Residence of husband now known (desertion cases)	26
Address of beneficiary not known	6
Held for further information	11
Other reasons	25
	776

CAUSES OF INELIGIBILITY

Value of property and other assets disqualify	135
Applicant's husband not totally and permanently incapacitated	275
Not eligible under desertion clause	238
Only one child or no children under 16 years of age or not at school	138
Residence requirements not fulfilled	88
Unsatisfactory home conditions	56
Sufficient income to maintain the home	224
Children not with mother	10
In receipt of allowance from other funds	5
Applicant not a British Subject	10
Applicant divorced or legally separated	30
Foster-mother applicant ineligible as children not orphans	43
Applicant's husband in prison	10
Qualifying child not born under lawful wedlock	6
No proof of marriage	39
Applicant re-married	10
Application withdrawn	32
Deferred for further information	57
Man not in an institute (mental)	1
Not approved by W.V.A.	15
Other reasons	125
	1,547

CAUSES OF DEATH OF FATHER

Widow cases on the allowance list March 31st, 1936	6,621
" " " " " " part of this period but later cancelled	409
	7,030
Diseases of the respiratory system	1,155
" " " circulatory system	1,505
" " " nervous system and organs of special sense	546
" " " digestive system	544
" " " genito, urinary and adnexa (non-venereal)	433
" " " bones and organs of locomotion	16
" " " skin and cellular tissue	14
External causes:	
Motor car accident	180
Railway accident	47
Drowning accident	123
Poisoning accident	57
Other accidents	293
Murder	16
Suicide	201
Other sudden deaths	11
Epidemic, Endemic and Infectious Diseases:	
Typhoid	62
Smallpox	3
Scarlet fever	6
Diphtheria	11
Influenza	84
Erysipelas	14
Tuberculosis	627
Venereal diseases	29
Septicaemia	25
Other causes	48
General Diseases:	
Cancer	713
Anaemia	56
Alcoholism	23
Arthritis	3
Goitre	12
General debility	2
Senility	8
Tumerous growths	87
Other causes	76
	7,030

F. L. DUFF.

APPLICATIONS BY LOCAL BOARDS

Local Board	Granted	Ineligible	Cancelled	Reinstate	Reduced	Increased	Continue No Change	Defer	Number of Cases Dealt With
Algoma	22	3	7	....	4	2	6	1	45
Belleville	16	7	8	....	17	3	6	....	57
Brant	15	4	3	2	12	1	6	....	43
Brantford	39	13	8	1	30	7	9	3	110
Brockville	9	4	2	....	4	3	4	1	27
Bruce	29	8	8	....	18	1	4	3	71
Carleton	27	12	11	....	17	4	10	7	88
Chatham	21	4	6	....	11	6	4	....	52
Cochrane	43	16	11	4	31	6	9	4	124
Dufferin	9	8	3	....	6	....	2	2	30
Dundas	9	3	7	1	14	....	1	1	36
Durham	16	3	7	3	12	2	4	4	51
Dryden	4	3	2	1	3	1	3	....	17
E. Windsor	2	.....	3	1	4	4	....	....	14
Elgin	29	10	9	....	12	5	7	5	77
Essex	48	19	12	2	36	18	16	11	162
Fort William	40	8	9	2	13	5	7	1	85
Frontenac	15	7	4	....	14	4	3	3	50
Galt	15	9	3	....	3	4	4	1	39
Gananoque	3	2	....	....	3	....	1	1	10
Glengarry	26	19	5	2	22	2	8	4	88
Grenville	10	5	2	....	3	1	3	....	24
Grey	34	18	10	5	24	10	15	4	120
Guelph	23	16	13	1	15	5	6	4	83
Haliburton	13	2	3	....	4	1	2	2	27
Halton	14	12	2	....	20	5	7	....	60
Haldimand	21	4	5	1	10	2	3	1	47
Hamilton	222	105	46	6	125	33	35	11	583
Hastings	47	34	11	3	26	16	20	6	163
Huron	52	17	11	1	21	2	5	5	114
Ingersoll	9	.....	3	....	4	4	2	1	23
Kenora	11	3	3	1	10	1	1	1	31
Kent	29	10	6	2	18	6	10	4	85
Kingston	42	19	9	3	21	6	6	3	109
Kitchener	23	5	9	1	15	10	7	1	71
Lambton	20	15	14	2	8	2	2	4	67
Lanark	11	13	7	1	14	4	5	3	58
Leeds	18	12	3	3	17	4	3	3	63
Lennox and Addington	16	16	7	....	9	1	2	1	52
Lincoln	23	10	3	1	13	5	3	7	65
London	74	42	38	7	81	21	24	14	301
Manitowaning	2	.....	1	....	.....	.....	.....	.....	3
Manitoulin	10	3	3	....	5	1	1	2	25
Middlesex	38	19	19	6	26	9	16	8	141
Muncey Indian Reserve	5	.....	3	1	3	....	3	....	15
Muskoka	26	13	2	3	12	1	9	4	70
Niagara Falls	21	7	2	1	9	2	4	3	49
Norfolk	21	11	3	1	9	2	5	3	55
North Bay	21	5	3	....	18	7	6	1	61
Northumberland	24	18	9	3	22	6	4	6	92
Ontario North	9	5	2	....	9	2	3	....	30
Ontario South	19	6	5	....	13	1	1	2	47
Oshawa	27	12	6	1	16	8	7	5	82
Ottawa	129	30	30	5	90	30	30	8	352
Owen Sound	24	11	3	1	10	8	7	1	65
Oxford	7	5	11	2	16	3	4	2	50
Parry Sound	36	14	11	1	25	5	10	7	109
Peel	23	8	3	1	8	3	9	2	57
Perth	10	5	3	....	11	7	4	3	43

APPLICATIONS BY LOCAL BOARDS—Continued

Local Board	Granted	Ineligible	Cancelled	Reinstate	Reduced	Increased	Continue No Change	Defer	Number of Cases Dealt With
Peterboro County	34	13	16	2	11	2	7	3	88
Peterboro City	36	4	14	3	27	9	7	7	107
Prescott County	22	20	7	1	21	10	14	7	102
Prescott Town	2	....	....	....	4	1	1	1	9
Port Arthur	19	8	8	1	17	6	7	....	66
Prince Edward	12	7	7	1	7	....	3	2	39
Rainy River	16	6	9	1	12	2	6	2	54
Renfrew	54	33	19	2	37	10	22	8	185
Russell	19	8	3	1	22	5	7	3	68
St. Catharines	58	16	13	4	29	4	8	2	134
St. Mary's	6	1	....	....	1	1	....	....	9
St. Thomas	24	1	4	2	13	4	4	2	54
Sarnia	13	6	5	2	14	3	5	2	50
Sault Ste. Marie	30	11	5	....	18	4	6	2	76
Simcoe	117	32	29	5	71	29	20	14	317
Sioux Lookout	2	2	2	....	1	1	....	....	8
Smith's Falls	6	1	1	2	5	1	1	....	17
Stormont	52	24	17	3	41	13	20	14	184
Stratford	23	20	4	....	14	4	2	3	70
Sturgeon Falls	25	17	10	....	18	13	15	3	101
Sudbury City	18	13	2	....	13	10	6	5	67
Sudbury District	46	14	9	3	31	7	7	6	123
Thunder Bay	18	2	5	....	11	5	4	3	48
Temiskaming	58	25	15	4	25	6	11	11	155
Toronto	866	319	185	25	514	129	131	123	2,292
Trenton	5	....	4	1	6	2	1	....	19
Victoria	29	9	9	1	21	6	10	1	86
Walkerville	3	2	....	....	1	....	....	3	9
Waterloo	30	13	7	2	16	2	4	5	79
Welland County	50	14	11	3	38	10	11	6	143
Welland City	10	8	2	....	11	8	1	1	41
Wellington	21	14	4	1	16	1	11	4	72
Wentworth	25	9	6	1	16	4	2	....	63
Windsor	85	13	21	4	43	63	44	5	278
Woodstock	8	7	4	....	4	3	5	1	32
York	263	74	45	9	154	44	37	24	650
TOTALS	3,706	1,458	954	167	2,349	734	838	457	10,663

STATISTICAL REPORT
ON
INCAPACITATION CASES
1935 - 1936

Cases Reinstated Because of Incapacitation of Husband:

Cause of Incapacitation:

(1) Nervous System:	
Paralysis and Others	12
Mental	23
(2) Cardio-Vascular System:	
Organic heart disease	5
Diseases of blood vessels and others	5
(3) Respiratory System:	
Tuberculosis	36
Bronchial Asthma	7
Others	2
(4) Organs of Special Sense:	
Blindness	4
(5) Genito-Urinary System	4
(6) Digestive System	1
(7) Organs of Locomotion:	
Arthritis	7
Others	2
(8) General:	
Cancer	2
Others	4
(9) Accidents	1
	113

Incapacitation Cases Cancelled:

Husbands not permanently unemployable	79
Others	191
	270

Applicants for Mothers' Allowances on the Grounds of Permanent Unemployability of Husbands—Found Ineligible:

Husbands not permanently unemployable	275
Otherwise ineligible	178
	453

DETAIL OF RECEIPTS AND DISBURSEMENTS FOR MOTHERS' ALLOWANCES AND OLD AGE PENSIONS

	5.34
	9.13
	6.21
	6.21
	9.97

Widows.	
Incapacit	
Mentals.	
Desertior	
F. M. wl	
F. M. wl	
F.M. wh	
Insanity.	
TOT	
*11	

Victoria	13,010.00	
Waterloo	13,887.50	
Welland	25,547.50	
Wellington	10,148.50	
Wentworth	10,380.00	
York	125,811.50	
		$ 723,578.23

APPLICATIONS CONSIDERED

ONE YEAR ENDING MARCH 31st, 1936

Classifications	Brought Forward	Carried over	New Applications Received	Renewals Received	New Applications completed				Renewals Completed					Cancelled						Total cases cancelled	Total number on pay list March 31, 1935	Total number assisted this year	Increase	Decrease	Percent increase	Percent decrease	Total cases dealt with	Total cases granted and reinstated	Total cases incligible and refused	Total percent granted and Reinstated
					Dealt with	Granted	Incligible	Percent Granted	Dealt with	Granted	Reinstated	Refused	Percent Granted	Only 1 Child	Remarried	Income	Unfitness	Man Recovered	Other causes											
Widows	324	..	2,992	1,218	2,098	1,519	579	72.4	1,218	282	707	229	81.1	148	97	50	75	..	159	529	4,532	7,030	2,498	..	35.5	..	3,316	2,508	808	75.6
Incapacitations	99	..	1,153	337	915	553	362	60.4	337	130	98	109	67.6	54	...	15	27	75	90	261	2,037	2,688	651	..	24.2	..	1,252	781	471	62.3
Mentals	...	3	178	59	116	75	41	64.6	59	12	25	22	62.7	3	...	1	1	21	9	35	235	343	108	..	31.4	..	175	112	63	64.
Desertions	32	..	713	206	539	183	356	33.9	206	55	75	76	63.1	15	6	1	13	..	46	81	518	818	300	..	36.6	..	745	313	432	42.
F. M. where father is a deserter	14	..	53	13	54	7	47	12.9	13	1	4	8	38.4	1	...	..	..	..	7	8	.....	.....	...)	..	.....	..	67	12	55	17.9
F. M. where both parents are dead	...	23	160	33	104	86	18	82.6	33	4	20	9	72.7	8	...	..	..	..	22	30	195	310	115 }	..	37.	..	137	110	27	80.2
F.M. where father is incapacitated	...	9	37)	5	29	20	9	68.9	5	1	3	1	80.	1	...	2	...	1	7	11	.....	.....	...)	..	.....	..	34	24	10	70.5
Insanity	...	..	6)	.....	.....	.....	.....	.....	.....	...														..		..				
TOTALS	469	35	5,292	1,871	3,855	2,443	1,412	63.3	1,871	485	932	454	75.7	230	103	69	116	97	340	955	7,517	* 11,189	3,672	..	32.8	..	5,726	3,860	1,866	67.4

*11,189—includes 776 cases which were on part of the year and later cancelled.

DETAIL OF RECEIPTS AND DISBURSEMENTS FOR MOTHERS' ALLOWANCES AND OLD AGE PENSIONS

MOTHERS' ALLOWANCES:

Total cheques issued	$ 3,962,375.34	
Less cancelled cheques	12,600.00	
		$ 3,949,775.34
Less cash refunds		2,959.13
Net Allowances paid		$ 3,946,816.21
Payable by Municipalities	$ 1,813,326.35	
Payable by Province of Ontario	2,133,489.86	
		$ 3,946,816.21
Payments received from Municipalities		
On account 1934-35	$ 204,718.55	
On account 1935-36	1,632,471.42	
		$ 1,837,189.97

MOTHERS' ALLOWANCES
PAYMENTS—BY MUNICIPALITIES
April 1, 1935—March 31, 1936

Brant	$ 7,647.50	
Bruce	14,062.50	
Carleton	16,327.50	
Dufferin	4,322.50	
Elgin	10,030.43	
Essex	24,860.00	
Frontenac	7,457.00	
Grey	18,265.00	
Haldimand	7,797.50	
Haliburton	4,632.50	
Halton	10,615.00	
Hastings	22,085.00	
Huron	16,265.00	
Kent	18,772.50	
Lambton	9,735.00	
Lanark	11,035.00	
Leeds and Grenville	15,177.50	
Lennox and Addington	7,857.50	
Lincoln	10,215.00	
Middlesex	18,240.00	
Norfolk	10,812.50	
Northumberland and Durham	23,117.50	
Ontario	14,275.00	
Oxford	9,132.50	
Peel	9,460.00	
Perth	6,132.50	
Peterboro	13,217.50	
Prescott and Russell	38,282.50	
Prince Edward	5,980.00	
Renfrew	35,190.00	
Simcoe	52,410.80	
Stormont, Dundas and Glengarry	50,782.50	
Victoria	13,610.00	
Waterloo	13,887.50	
Welland	25,547.50	
Wellington	10,148.50	
Wentworth	10,380.00	
York	125,811.50	
		$ 723,578.23

Brockville	$ 5,710.00	
Gananoque	2,060.00	
Ingersoll	3,275.00	
Pelee Island	370.00	
Prescott	2,057.50	
Smiths Falls	2,637.50	
St. Marys	1,607.50	
Trenton	3,242.50	
Walkerville	1,210.00	
Indian Reserves	2,850.50	
		25,020.50
Belleville	$ 14,502.50	
Brantford	24,242.50	
Chatham	11,915.00	
East Windsor	3,832.50	
Fort William	21,367.50	
Galt	6,160.00	
Guelph	15,675.00	
Hamilton	114,610.00	
Kingston	20,000.00	
Kitchener	16,802.50	
London	50,787.50	
Niagara Falls	13,751.12	
North Bay	16,935.00	
Oshawa	16,202.50	
Ottawa	92,217.00	
Owen Sound	11,517.50	
Peterboro	18,207.50	
Port Arthur	15,487.50	
St. Catharines	26,599.05	
St. Thomas	12,220.00	
Sarnia	9,315.00	
Sault Ste. Marie	15,235.00	
Stratford	13,627.50	
Sudbury	11,007.50	
Toronto	429,899.95	
Welland	7,437.50	
Windsor	51,077.50	
Woodstock	4,210.00	
		1,064,842.12
TOTALS:		
Counties	$ 723,578 23	
Towns	25,020.50	
Cities	1,064,842.12	
		$1,813,440.85

DIRECTORY

CHILDREN'S AID OFFICIALS, ONTARIO

LOCAL SUPERINTENDENTS

Algoma	J. P. Reed	Sault Ste. Marie
Brant	C. A. S.	Brantford
Bruce	C. A. S.	Walkerton
Cochrane	A. G. Carson	Timmins
Dufferin	Dr. W. J. Price	Orangeville
Elgin	Mrs. E. H. Caughell	St. Thomas
Fort William	Frank Blain	Fort William
Frontenac	C. A. S.	Court House, Kingston
Grey	A. E. Trout	Owen Sound
Haldimand	C. R. Bilger	Dunnville
Halton and Peel	G. F. Thompson	Milton
Hamilton	B. Beaumont	47 King St. E., Hamilton
Hastings	T. D. Ruston	256½ Front St., Belleville
Huron	H. T. Edwards	Goderich
Kenora	W. S. Carruthers	Kenora
Kent	F. Appleyard	Chatham
Lambton	Jas. Crockard	Sarnia
Lanark	C. A. S.	Perth
Leeds and Grenville	C. A. Winters	Brockville
Lennox and Addington	W. F. Barrett	Napanee
Lincoln	H. Fonger	St. Catharines
London and Middlesex	W. E. Kelly	City Hall, London
Muskoka	W. D. Forrest	Huntsville
Niagara Falls	W. E. Jones	830 6th St., Niagara Falls, Ont.
Nipissing	John Brown	North Bay
Norfolk	C. A. S.	Simcoe
Northumberland and Durham	K. J. Hodgert	Port Hope
Ontario	O. M. Alger	Oshawa
Ottawa and Carleton	Miss Janet Long	412 MacLaren St., Ottawa
Oxford	Eric I. Smit	Woodstock
Parry Sound East	John Hartill	Burks Falls
Perth	Hugh Ferguson	Stratford
Peterborough	John Edgar	Peterborough
Port Arthur	George Gibbon	Port Arthur
Prescott and Russell	Jos. Lacasse	Wendover
Prince Edward	R. W. Hubbs	Picton
Rainy River	N. L. Croome, Pres.	Fort Frances
Renfrew	J. C. Simpson	Renfrew
Simcoe	W. J. Justice	Barrie
Stormont, Dundas and Glengarry	H. C. Nugent	Cornwall
Sudbury	J. S. Davidson	Sudbury
Temiskaming	J. R. McCracken	Haileybury
Victoria and Haliburton	Allan Blewett	Lindsay
Waterloo	Arthur Pullam	City Hall, Kitchener
Welland	Mrs. D. E. Young	R.R. No. 5, Fenwick
Wellington	H. D. C. Crooks	Guelph
Windsor and Essex	George Sinclair	44 Wyandotte St., Windsor
Windsor and Essex (Roman Catholic)	R. J. Bondy	603 Bartlett Bldg., Windsor
Wentworth	J. Peart, Sec.	Court House, Hamilton
York	Mrs. J. S. Driscoll	73 St. Clair E., Toronto
Toronto	R. E. Mills	32 Isabella St., Toronto
St. Vincent de Paul	J. G. Mallon	469 Sherbourne St., Toronto

Provincial Superintendent—B. W. HEISE, Box 246B, Parliament Buildings, Toronto. AD. 1211.

ANNUAL REPORT

CHILDREN'S AID SOCIETY OF PROVINCE OF ONTARIO

INVESTIGATION REPORT

For Fiscal Period April 1st, 1935—March 31st, 1936

Total cases open at the beginning of the year (exclusive of U.P.A.)	2,590
Number of new complaints	6,167
Number of re-opened cases	1,506
Number of cases closed	5,990
Total cases open at end of year	4,273

FACTORS:

Crippled Children	43
Delinquency	1,216
Feeblemindedness	163
Insanity	83
Desertion	259
Drunkenness	285
Medical neglect	89
Moral neglect	618
Non-support	491
Physical neglect	656
Separation of parent	581
Specific disease	21
Violation of Chastity	74
One parent deceased	244
Illness of parent	166
Divorce	24
Death of only parent	55
Out of town enquiry	526
Imprisonment	68
Unwarranted complaint	240
Sundry	1,771

Number of complaints investigated	8,287
" " visits re above	30,241
" " office interviews re above	19,635
" " clinics attended	
Mental	357
Medical	349
" " Court attendances	36,858
" " children involved during year	23,393
" " children made wards	
(a) Temporary	490
(b) Permanent	608
" " children for whom wardship extended for further period	438

REPORT RE CHILDREN UNDER CARE

Total number of children under care at first of year	11,317
Number of children admitted to care during year	3,000
Number closed or discharged during year	2,139

TYPE OF CARE:	1st of year	End of year
Shelter	982	834
Boarding Home	2,507	2,867
Adoption Probation	1,010	1,349
Wage Home	1,074	1,163
Free Home	3,192	3,323
Other Institutions	743	823
Non-wards	404	459
Other Societies wards	1,405	1,369

Total number of children under care at end of year as above	12,187
Number of Investigations (Adoption and Foster homes)	4,203
" " Investigations for Industrial Schools	483
" " Visits to Homes or Institutions of children placed	40,693
" " above visits where the children were seen	11,689
" " office interviews	25,897
" " children seen in office	3,889
" " Clinics attended	
Mental	3,623
Medical	3,821
" " Meetings or Conferences attended	2,880
" " Meetings addressed	492
" " new placements of children	2,449
" " Re-placements of children (one home to another home)	1,048
" " children returned to shelter	549
" " Legal adoptions completed	* 670
Trust Accounts for Wards	$27,356.58

* Discrepancy with Adoption Statistics due to totals completed in office but not cleared through local Societies at end of year.

TABLE 1

Society	INCOME					EXPENDITURES							
	From Municipalities	Government Grant and Travelling Expenses	Private Sources	Interest on Endowment	Government Maintenance	Total	Number Days, Care in Shelter	Number Days, Care in Boarding Homes	Shelter	Boarding Homes	Total	Cost Per Day Shelter	Cost Per Day Boarding Home
ALGOMA	$ 8,841.23	$ 1,022.51	$ 2,030.35	.....	$ 4,594.68	$ 16,488.77	9,424	8,753	$ 7,026.73	$ 5,020.40	$ 12,047.13	74	.57
BRANT	7,759.60	541.04	2,223.80	$ 556.89	.....	11,083.83	8,768	3,801	7,169.67	4,570.25	11,739.92	81.7	120.2
BRUCE	No report												
COCHRANE	2,545.50	567.80	1,521.50	.....	7,716.35	12,351.15	8,228	8,753	5,924.16	4,870.18	10,794.34	72	55.6
DUFFERIN	4,211.19	1,090.90	50.00	.....	627.67	5,980.26	1,394	3,470	1,865.51	1,729.98	3,595.49	1.33	49.8
ELGIN	7,405.55	538.12	370.30	1,845.91	.....	10,159.88	4,108	4,808	3,576.48	3,485.78	7,062.26	87.0	72.4
FRONTENAC	10,837.70	687.34	117.00	.....	183.00	11,825.04	.....	14,232	*	14,437.06	14,437.06	.....	75
FORT WILLIAM	2,595.00	500.02	167.25	.....	274.50	3,536.77	4,882	1,460	3,424.39	300.00	3,724.39	74.2	41.0
GREY	6,091.25	708.35	632.41	192.75	.....	7,624.76	3,795	1,436	3,112.88	1,140.99	4,253.87	82	79
HALDIMAND	8,658.33	541.69	325.10	.....	.....	9,525.12	.....	11,978	*	4,449.67	4,449.67	.....	37.1
HAMILTON	70,588.51	1,759.50	12,352.64	734.76	.....	85,435.41	3,249	79,323	3,912.25	53,011.34	56,923.59	87	87
HASTINGS	16,240.05	830.69	120.00	.....	35.00	17,225.74	3,353	19,653	6,019.98	11,758.53	17,778.51	1.79	59
HURON	5,143.41	501.88	.....	60.00	.....	5,705.29	3,749	.....	3,137.81	.....	3,137.81	83.6	.....
KENORA	No report								*				
KENT	9,891.50	518.37	.....	.....	.....	10,409.87	5,344	2,001	5,055.61	1,189.68	6,245.29	94	59
LAMBTON	5,067.00	134.93	258.00	187.54	.....	5,647.47	.....	4,528	*	2,264.20	2,264.20	.....	50
LANARK	2,386.65	508.35	531.75	.....	.....	3,426.75	1,906	1,102	1,131.94	648.96	1,780.90	59.3	58.8
LEEDS AND GRENVILLE	17,725.35	1,128.61	3,114.80	53.10	.....	22,021.86	16,311	6,813	14,609.11	5,265.96	19,875.07	89.7	77.2
LENNOX AND ADDINGTON	7,967.75	308.31	160.26	500.00	.....	8,936.32	.....	10,616	*	7,067.91	7,067.91	.....	67
LINCOLN	8,941.04	522.00	.....	46.59	.....	9,509.63	6,736	2,577	4,370.61	1,382.85	5,753.46	65	54
LONDON AND MIDDLESEX	26,528.56	1,013.50	732.18	2,446.39	.....	30,720.63	15,178	24,459	9,473.85	15,071.93	24,545.78	65	62
MANITOULIN	217.00	106.60	1.50	.....	.....	325.10	.....	1,097	*	379.50	379.50	.....	34
MUSKOKA	1,012.00	1,240.05	329.00	.....	.....	2,581.05	.....	2,180	*	1,012.00	1,012.00	.....	46
NIAGARA FALLS	3,750.00	121.10	13.00	.....	100.00	3,984.10	2,289	.....	3,892.24	.....	3,892.24	50	.....
NIPISSING	1,593.43	1,379.18	698.50	.....	1,953.75	5,624.86	11,924	1,821	4,676.63	1,218.83	5,895.46	(1)	.....
NORFOLK	14,640.36	308.31	.....	1,037.12	248.62	16,234.41	4,621	14,323	.....	.....	.....	(1)	48
NORTH. AND DURHAM	7,059.80	927.64	1,534.34	682.34	.....	10,204.12	.....	.....	3,343.42	2,475.02	5,818.44	80.2	53.6
ONTARIO	15,623.77	853.29	540.10	.....	.....	17,017.16	9,933	4,552	7,103.36	3,123.25	10,226.61	71.5	68.6
OTTAWA AND CARLETON	4,700.00	1,916.60	21,910.39	.....	.....	28,526.99	.....	59,400	*	43,489.76	43,489.76	.....	73.2
OXFORD	10,998.94	1,067.95	127.35	194.00	185.95	12,574.19	5,514	12,209	4,352.12	6,703.71	11,055.83	78.9	54.9
PARRY SOUND EAST	1,432.78	1,185.09	171.06	57.06	2,097.75	4,943.74	4,107	553	2,244.37	305.08	2,549.45	54.5	55.4
PEEL AND HALTON	8,599.16	972.07	765.20	.....	.....	10,336.43	11,041	.....	9,413.36	.....	9,413.36	86	.....
PERTH	3,550.00	361.34	1,027.77	.....	.....	4,939.11	2,888	.....	5,304.41	.....	5,304.41	87	.....
PETERBOROUGH	2,309.28	500.00	1,640.44	410.00	.....	4,859.72	5,422	858	3,724.23	489.50	10,493.73	68.6	57
PORT ARTHUR	4,000.00	633.33	17.25	.47	1,908.61	6,559.66	6,010	.....	4,867.59	449.35	5,316.94	81	.....
PRESCOTT AND RUSSELL	5,401.75	388.40	419.50	.....	.....	6,209.65	.....	6,710	*	2,630.53	2,630.53	.....	39
PRINCE EDWARD	9,312.00	791.69	83.50	55.00	.....	10,242.19	2,719	11,145	1,624.17	6,206.72	7,830.89	59.7	55.6
RAINY RIVER	3,840.00	100.00	720.00	.....	438.00	5,098.00	.....	8,760	*	4,998.00	4,998.00	.....	57
RENFREW	7,546.27	1,000.42	39.17	.....	22.17	8,608.03	4,938	7,689	2,484.85	2,927.83	5,412.68	51	39
SIMCOE	19,365.28	650.55	235.19	211.99	.....	20,463.01	6,447	30,432	3,921.35	12,150.76	16,072.11	60.8	40
STORMONT, Dundas & Glengarry	5,043.75	100.00	.....	.....	.....	5,143.75	.....	5,633	*	2,443.75	2,443.75	.....	43.3

SUDBURY	6,176.01	1,312.79	311.62	.....	7,518.91	15,319.33	16,819	3,338	14,235.27	1,571.12	15,806.39	84.6	50
TEMISKAMING	2,210.45	896.38	1,413.94	.....	1,868.25	6,389.02	6,325	.....	Not separated		7,648.39	1.06	75
TORONTO	227,628.00	1,500.00	61,126.00	4,389.00	1,210.00	295,853.00	6,076	279,815	13,518.00	222,474.00	235,992.00	2.09	81.5
VICTORIA AND HALIBURTON	9,323.68	300.00	45.71	.....	.....	9,669.39	11,620	1,027	6,063.30	516.69	6,579.99	52	50
WATERLOO	12,345.65	1,489.20	440.03	.....	190.50	14,465.38	8,454	6,982	7,298.35	6,283.07	13,581.42	86.3	89.9
WELLAND	13,228.60	350.00	1,079.01	.....	.....	14,657.61	15,041	5,556	9,587.42	4,820.19	14,407.61	56	66
WELLINGTON	6,008.70	939.59	2,316.21	252.49	22.29	9,539.28	8,895	2,094	9,836.40	1,674.99	11,511.39	54	71
WENTWORTH	6,728.25	100.00	87.00	.....	.....	6,915.25	10,317	825	6,257.74	470.51	6,728.25	75	57
WINDSOR AND ESSEX, (P)	13,130.56	791.69	.....	.....	.....	13,922.25	1,725	11,525	* Not sep'ted		16,285.71	.....	.....
WINDSOR AND ESSEX, (R.C.)	13,756.35	750.02	2,994.47	.....	.....	17,500.84	8,730	9,407	9,056.30	5,022.77	14,079.07	1.04	53
YORK	42,035.56	1,180.99	6,395.28	.....	140.34	49,752.17	9,017	46,159	7,340.80	33,830.56	41,171.36	81	73
R. C. Society of St. Vincent De Paul	72,463.77	475.03	12,801.82	.....	416.44	.....	1,113	92,601	3,141.56	57,416.37	60,557.93	(1)	.....
	$ 784,456.32	$ 38,116.21	$ 143,991.69	$ 13,913.40	$ 31,752.78	$1,012,230.40	278,410	840,052	$ 323,098.22	$ 562,749.53	(2) $ 809,781.85	.....	.....

* No Shelter.

(1) Correct figures not available.

(2) Total does not equal Shelter Expenditures plus Boarding Home Expenditures for the reason that in two instances—Temiskaming and Windsor and Essex Protestant—the amounts are not available separately.

CHILDREN'S AID BRANCH

ADOPTION STATISTICS

MARCH 31st, 1935, TO MARCH 31st, 1936

Years	Children's Aid Wards	Soldiers' Aid Commission Wards	Wards of other Organizations	Children of unmarried Parents	Abandoned children — Foundlings	Orphaned Children	Children born out of wedlock before U.P. Act of 1921	One parent living	Both parents living	Husband adopts wife's child	Parents divorced	Stepfather adopts	Children adopted a second time	Children over 21 years of age	Born out of wedlock not under Ontario U.P. Act	Total
April, 1935	8	..	1	18	..	..	..	6	3	3	..	..	..	1	..	40
May, 1935	15	..	1	43	..	..	..	2	6	4	2	..	..	3	..	76
June, 1935	15	..	..	46	1	..	..	10	4	9	..	..	..	..	..	85
July, 1935	25	..	..	37	..	1	..	8	2	1	..	..	..	..	..	74
Aug., 1935	7	..	1	29	..	..	1	2	2	5	..	..	..	..	..	47
Sept., 1935	9	..	..	17	..	..	..	3	4	1	1	2	..	1	..	38
Oct., 1935	15	..	..	37	..	1	..	10	..	7	1	..	..	7	..	78
Nov., 1935	11	..	..	34	1	..	..	4	2	..	..	..	..	2	..	54
Dec., 1935	16	..	..	39	..	2	1	7	4	..	..	..	..	3	..	72
Jan., 1936	12	..	1	23	..	..	..	3	2	4	1	..	1	2	1	50
Feb., 1936	19	..	1	24	..	2	1	2	2	8	..	..	..	1	2	62
March, 1936	15	..	..	39	..	..	2	10	5	8	4	..	..	1	2	86
Total.....	167	..	5	386	2	6	5	67	36	50	9	2	1	21	5	762

AGES OF CHILDREN LEGALLY ADOPTED

MARCH 31st, 1935, TO MARCH 31st, 1936

Born	1935	3
"	1934	62
"	1933	127
"	1932	138
"	1931	94
"	1930	54
"	1929	59
"	1928	30
"	1927	24
"	1926	18
"	1925	21
"	1924	18
"	1923	16
"	1922	15
"	1921	13
"	1920	9
"	1919	7
"	1918	14
"	1917	11
"	1916	4
"	1915	7
"	1914	5
"	1913	2
"	1911	4
"	1910	1
"	1909	1
"	1908	1
"	1899	2
"	1894	1
"	1889	1
	Total	762

CHILDREN'S AID BRANCH

STATISTICAL REPORT

THE CHILDREN OF UNMARRIED PARENTS' ACT

Comparative report showing number of cases dealt with from July, 1921, to March 31st, 1936.

	1921	
July 1st, 1921, to October 31st, 1921	102	cases
	1921-1922	
October 31st, 1921, to October 31st, 1922	672	"
	1922-1923	
October 31st, 1922, to October 31st, 1923	1,162	"
	1923-1924	
October 31st, 1923, to October 31st, 1924	1,205	"
	1924-1925	
October 31st, 1924, to October 31st, 1925	1,347	"
	1925-1926	
October 31st, 1925, to October 31st, 1926	1,705	"
	1926-1927	
October 31st, 1926, to October 31st, 1927	1,724	"
	1927-1928	
October 31st, 1927, to October 31st, 1928	1,865	"
	1928-1929	
October 31st, 1928, to October 31st, 1929	1,886	"
	1929-1930	
October 31st, 1929, to October 31st, 1930	2,180	"
	1930-1931	
October 31st, 1930, to October 31st, 1931	2,250	"
	1931-1932	
October 31st, 1931, to October 31st, 1932	2,148	"

	1932-1933	
October 31st, 1932, to October 31st, 1933	2,248	"
	1933-1934	
October 31st, 1933, to October 31st, 1934	1,954	"
	1934-1935	
October 31st, 1934, to March 31st, 1935	798	"
	1935-1936	
March 31st, 1935, to March 31st, 1936	2,166	"
	25,412	cases

NEW CASES FOR THE YEAR

From March 31st, 1935, to March 31st, 1936.....2,166 cases
(Including 764 from Toronto district)

Of these..... 233 were pending.
" " ..... 392 have been settled.
" " ..... 1,541 have been closed.

Of the cases settled.....254 were by agreement with the Provincial Officer.
" " " " .....111 by Court Orders.
" " " " ..... 12 by private agreement approved by the Judge.
" " " " ..... 15 by private settlement without agreement.

Of the cases closed .....704 no action was desired.
" " " " ..... 32 were dismissed by the court for lack of sufficient corroborative evidence.
" " " " .....256 were closed for lack of sufficient corroboration.
" " " " ..... 79 there was no data.
" " " " ..... 84 couples were married.
" " " " .....131 man unknown.
" " " " .....147 man's whereabouts unknown.
" " " " ..... 27 man outside Province (address unknown).
" " " " ..... 16 man dead.
" " " " ..... 46 man worthless.
" " " " ..... 19 criminal action taken.

There were 6 appeals to the Appellate Division, all being made by the father, in 4 the notice of appeal was refused, one appeal was allowed, and one was abandoned.
" " 12 Varied Agreements.
" " 52 Varied Orders.
" " 112 applications for orders on Agreements on which 62 Affiliation Orders were made.
" " 210 Summons issued.

Total number cases closed from October 31st, 1934, to March 31st were.....597

REPORT OF WORK UNDER CHILDREN OF UNMARRIED PARENTS' ACT

Total number of cases open at first of year	2,070
Number of new cases	* 2,003
Number of cases closed during year	1,304
Total number of cases open at end of year	2,769
Number of visits	11,912
" " office interviews	10,760
" " supervisory visits to girl and baby	4,639
" " settlements	* 208
" " court orders obtained	* 216

B. W. HEISE,
Provincial Superintendent.

* Discrepancies with C.U.P.A. report due to cases handled directly through office of Provincial Officer and not reported to any Society.

STATISTICAL REPORT INDUSTRIAL SCHOOLS ADVISORY BOARD

ANALYSIS OF RESIDENTS OF INDUSTRIAL SCHOOLS AS OF MARCH 31st, 1936

NUMBER OF CASES REVIEWED

SCHOOL	Designations	Designations Refused	Applications for Admission to Training Schools Approved	Applications for Admission to Training Schools Refused	Returned to Institutions	Returns Delayed	Paroles Recommended to Minister	Paroles Refused	Transfer of Wardship to: Galt	Transfer of Wardship to: Bowmanville	Transfer of Wardship to: St. Joseph's	Period of Residence Extended	Attendance Reports	Placement Reports	Wardship Terminated	Terminations Refused	Terminations Reconsidered and Rescinded	TOTAL
Alexandra Industrial School	27				16		97	24	82				203	71	41			561
Girls' Training School, Galt	23		3	2	4		65	3					151	36	8	1	1	297
St. Mary's Industrial School	14				6		33	23				1	200	62	19			358
St. John's Industrial School	47				20		60	4		1	2	3	244	111	39			531
St. Joseph's Industrial School	38	2			4		37	21				1	189	56	13			361
Boys' Training School, Bowmanville	120	3	7	3	32	1	215	24					388	371	260	2	1	1,427
	269	5	10	5	82	1	507	99	82	1	2	5	1,375	707	380	3	2	3,535

Number of meetings held 45
Average number of cases dealt with at each meeting 78

ANALYSIS OF PAROLES

	Male	Female	Total
To boarding home to attend school	47	39	86
To boarding home to learn domestic or farm duties	1	1	2
To boarding home to seek employment	1	11	12
To boarding home as health measure	..	7	7
To employers on working agreements	85	86	171
To home to attend school	91	8	99
To home to assist parents	4	17	21
To home to accept position already waiting	16	5	21
To home to seek employment	54	10	64
To Sacred Heart Convent	..	5	5
To Working Boys' Home	13	..	13
To Belmont Home for supervision	..	6	6
	312	195	507

AVERAGE LENGTH OF STAY IN INSTITUTIONS

St. Mary's Industrial School	3 years and 8 months
St. John's Industrial School	2 years and 3 months
St. Joseph's Industrial School	2 years
Ontario Training School for Girls, Galt	1 year and 8 months
Ontario Training School for Boys, Bowmanville	1 year and 8 months

SCHOOL ROLL AND COMPARISON

	Capacity	In Attendance Oct. 31, 1932	In Attendance Oct. 31, 1933	In Attendance Oct. 31, 1934	In Attendance Mar. 31, 1935	In Attendance Mar. 31, 1936
Alexandra (Closed Mar., 1936)	143	141	118	101	107	...
St. Mary's	90	79	78	68	71	65
St. John's	185	137	95	87	90	102
St. Joseph's	150	...	47	60	64	69
Victoria (Closed Nov., 1934)	280	242	165	92	...	...
Galt	50	...	25	47	46	52
Bowmanville	180	147	116	138	194	172
	1,078	746	644	593	572	460

AGES OF RESIDENTS OF SCHOOLS AS OF MARCH 31, 1936

Age	St. Mary's	St. John's	St. Joseph's	Galt	Bowmanville	Total	Percent.
9	..	...	..	..	1	1	0.2
10	..	...	4	..	11	15	3.3
11	..	8	3	1	8	20	4.4
12	1	8	6	4	11	30	6.5
13	1	14	7	6	18	46	10.
14	6	18	10	12	40	86	18.7
15	15	20	17	11	51	114	24.8
16	18	26	18	12	31	105	22.8
17	9	8	4	6	1	28	6.1
18	12	...	..	..	...	12	2.6
19	1	...	..	..	...	1	0.2
20	2	...	..	..	...	2	0.4
	65	102	69	52	172	460	100%

NUMBER OF COURT APPEARANCES PRIOR TO COMMITMENTS OR ADMISSIONS

SCHOOL	None	1	2	3	4	5 or over	Total
St. Mary's	49	12	3	...	1	...	65
St. John's	25	21	15	19	10	12	102
St. Joseph's	28	20	9	3	4	5	69
Galt	38	9	3	...	2	...	52
Bowmanville	74	36	35	9	4	14	172
Total	214	98	65	31	21	31	460
Percentage	46.5	21.3	14.1	6.7	4.7	6.7	100%

FACTORS CONTRIBUTING TO DELINQUENCY

	St. Mary's School	St. John's School	St. Joseph's School	Galt School	Bowmanville School	Total	Percentage
Alcoholic parents	1	2	1	1	8	13	2.8
Desertion in the home	..	3	5	2	8	18	3.9
Either parent immoral	13	6	...	9	14	42	9.1
Either parent a mental defective	4	4	3	4	8	23	5.0
Either parent with court record	7	5	3	2	10	27	5.9
Father dead	2	6	5	1	11	25	5.4
Mother dead	3	9	7	6	10	35	7.6
Parents dead	...	...	...	...	5	5	1.1
Fair home but no control	9	34	22	4	36	105	22.8
Poor home and no control	19	25	22	18	41	125	27.2
Stepfather	1	1	...	1	2	5	1.1
Stepmother	...	2	...	1	1	4	.9
Parents separated	6	5	1	3	18	33	7.2
	65	102	69	52	172	460	100%

NUMBER OF RETURNS TO SCHOOLS

School	Continuous Residence	Returned Once	Returned Twice	Total
St. Mary's	58	7	...	65
St. John's	83	13	6	102
St. Joseph's	64	5	...	69
Galt	50	2	...	52
Bowmanville	148	22	2	172
Total	403	49	8	460
Percentage	87.6	10.7	1.7	100%

NUMBER OF ESCAPES DURING ENTIRE RESIDENCE

SCHOOL	Never Escaped	1 Escape	2 Escapes	3 Escapes	4 Escapes	5 Escapes	Total
St. Mary's	65	....	...	...	...	...	65
St. John's	98	2	2	...	...	...	102
St. Joseph's	60	7	1	...	1	...	69
Galt	43	6	1	1	1	...	52
Bowmanville	107	32	16	6	8	3	172
Total	373	47	20	7	10	3	460
Percentage	81.1	10.2	4.3	1.5	2.2	0.7	100%

ACTIVITIES OF RESIDENTS

	St. Mary's School	St. John's School	St. Joseph's School	Galt School	Bowmanville School	Total	Percentage
Number of Inmates spending full time in the classrooms	21	20	19	...	39	99	21.5
Number of Inmates spending part time in the classrooms	43	78	37	38	113	309	67.2
Number of Inmates spending full time in vocational shops	1	4	13	14	20	52	11.3
Number of Inmates spending part time in vocational shops	43	78	37	38	113	309	67.2
Girls' Occupational Activities:							
Cooking and Sewing	...	...	...	34	...	...	...
General Domestic	44	...	...	13	...	...	...
Hairdressing	...	...	...	5	...	...	...
Boys' Occupational Activities:							
Barber Shop	...	2	1	...	3	...	...
Carpentry	...	1	15	...	0	...	...
Culinary	...	25	4	...	6	...	...
Farming and Horticulture	...	6	1	...	37	...	...
House Maintenance	...	...	3	...	4	...	...
Laundry	...	...	2	...	...	...	...
Metal Work	...	...	...	...	16	...	...
Office Boy	...	...	...	...	1	...	...
Printing	...	12	...	...	...	...	...
Shoemaking and Repairing	...	15	6	...	28	...	...
Tailoring	...	21	18	...	3	...	...
Woodworking	...	...	...	...	30	...	...
Special Work Group	...	...	...	...	5	...	...

MENTALITY OF RESIDENTS AS OF MARCH 31st, 1936

	St. Mary's	St. John's	St. Joseph's	Galt	Bowmanville	Total	Per cent.
Morons I.Q. 45– 60	4	6	6	...	3	19	4.1
High-Grade Morons 60– 70	10	12	14	4	18	58	12.6
Borderline 70– 80	27	36	20	6	32	121	26.3
Dull Normal 80– 90	14	28	15	19	61	137	29.8
Normal 90–100	7	14	12	17	43	93	20.2
Normal 100–110	1	5	2	5	11	24	5.2
Superior 110 and over	2	1	...	1	4	8	1.8
	65	102	69	52	172	460	100%

COMMITMENTS AND ADMISSIONS

	St. Mary's School	St. John's School	St. Joseph's School	Galt School	Bowmanville School	Total	Per Cent.
Courts	63	101	69	31	107	371	80.7
Minister of Public Welfare	2	...	...	21	65	88	19.1
Provincial Supt. C.A.S.	...	1	...	...	...	1	0.2
Total	65	102	69	52	172	460	100%

WHERE COMMITTED FROM

	St. Mary's School	St. John's School	St. Joseph's School	Galt School	Bowmanville School	Total	Per Cent.
Border Cities	5	13	...	5	14	37	8.
Hamilton	9	15	...	5	16	45	9.8
London	4	2	...	3	3	12	2.6
Ottawa	2	...	18	1	4	25	5.4
Toronto	9	23	1	13	48	94	20.5
Other Points	36	49	50	25	87	247	53.7
Total	65	102	69	52	172	460	100%

RACE OF RESIDENTS

	St. Mary's School	St. John's School	St. Joseph's School	Galt School	Bowmanville School	Total	Per Cent.
Caucasian	64	102	68	50	166	450	97.8
Indian	1	...	1	1	1	4	.9
Hebrew	...	...	...	...	3	3	.65
Negro	...	...	...	1	2	3	.65
Total	65	102	69	52	172	460	100%

MISCELLANEOUS INFORMATION

	St. Mary's School	St. John's School	St. Joseph's School	Galt School	Bowmanville School	Total	Per Cent.
Child a ward of C.A.S. when committed	14	9	2	9	24	58	12 6
Illegitimate birth	7	3	2	5	12	29	6.3

CAUSES OF DELINQUENCY

	St. Mary's School	St. John's School	St. Joseph's School	Galt School	Bowmanville School	Total	Per Cent.
Associations	13	29	20	8	38	108	23.5
Heredity	9	6	4	8	8	35	7.6
Home Conditions	41	59	39	35	114	288	62 6
Mentality	2	8	6	1	12	29	6 3
	65	102	69	52	172	460	100%

TABLE 1

SUMMARY OF ATTENDANCE IN INDUSTRIAL AND TRAINING SCHOOLS

APRIL 1st, 1935, TO MARCH 31st, 1936

Name of School	Number in residence, April 1, 1935	New commitments or admissions	Number returned from parole during period	Transferred from Alexandra School	Number of Placements	Number away without leave during period	Number returned from escape during period	Number of deaths	Number in residence March 31st, 1936	SUMMARY OF PLACEMENTS						Number remaining out for Whole Period	Number placed out and returned during period	Number placed out during previous years and returned during period	Reason for return from parole						
										Transferred to Galt School	Number returned Home	Number placed in Foster Homes	Number placed out occupationally	Number placed in other Institutions	Number placed in Working Boys' Home				Not satisfactory	Violation of parole	Services no longer required	Pupils dissatisfied with position	Ill-health of pupil	To be replaced	Court Order
Alexandra Indust. School	107	22	16	....	137	17	9	....	....	31	12	29	49	16	....	130	7	9	1	9	2	1	2	1	....
St. Mary's Indust. School	71	16	8	....	30	....	....	....	65	....	8	2	16	4	....	25	5	3	2	4	2	....	....	....	....
St. John's Indust. School.	90	49	21	....	56	5	3	....	102	....	30	8	15	3	....	51	5	16	3	9	2	3	....	....	4
St. Joseph's Indust. Sch.	64	40	5	....	39	19	18	....	69	....	23	7	5	4	....	35	4	1	....	3	....	1	....	....	1
Girls' Training Sch., Galt	46	22	7	31	55	3	4	....	52	....	13	22	17	3	....	49	6	1	1	3	2	....	....	1	....
Boys' T. S. Bowmanville.	194	122	35	....	159	99	79	....	172	....	82	29	38	1	9	145	14	21	3	16	2	1	1	3	9
TOTAL.....	572	271	92	31	476	143	113	....	460	31	168	97	140	31	9	435	41	51	10	44	10	6	3	5	14

INDUSTRIAL AND TRAINING SCHOOLS
COMMITTALS—APRIL 1st, 1935, TO MARCH 31st,1936

Counties and Districts	Sex					Cause of Committal									Age								Total
	City	Town	Township	Male	Female	Arson	Assault	Destruction	Immorality	Incorrigibility	Neglected Child	Theft	Truancy	Vagrancy	9	10	11	12	13	14	15	16	
Algoma	1				1							1									1		1
Brant	2			2			2												1	1			2
Bruce		1			1							1									1		1
Carleton	12	1	3	16						1		13	2			1		4	1	4	6		16
Cochrane	2	1	1	2	2					3		1								3	1		4
Dufferin			1	1								1						1					1
Elgin	2			2			1					1						1		1			2
Essex	21	2	1	21	3			2	3	4		13	2			1	1		7	3	12		24
Frontenac	2			2								2									2		2
Grey	2			2			1					1									2		2
Hastings	1		2	2	1				1			2							1		2		3
Huron			1		1							1									1		1
Kent	2	1	1	3	1				1	1		2				1	1	1		1			4
Lambton	5	2		5	2				2			4	1						1	5	1		7
Leeds and Grenville		2	2	4			1		1			2								1	3		4
Lincoln	4			4								4					1			1	2		4
Middlesex	4		1	3	2				1	1	1	2						1	2	2			5
Muskoka		1			1					1											1		1
Nipissing	5	2	3	9	1			1		3		6						2	3	3	2		10
Norfolk		1	1	2					1			1							1	1			2
Northumberland& Durham			3	5	1	1			1	1		3				1			2		3		6
Ontario	5			5						3		2				2			1	2			5
Perth	1			1								1				1							1
Peterborough	4			3	1					1		3				2		1			1		4
Prescott and Russell		1	1	2					1				1					1			1		2
Renfrew		5	2	5	2				1	2		3	1		1	1			2	2	1		7
Simcoe		14	1	13	2				1	6		8			1	2	2	3	3	2	2		15
Stormont, Dundas & Glengarry		11	4	15			1		1	1		11	1		1	2	1	1		4	6		15
Sudbury	5		1	3	3					1		3	2				2		1	3			6
Temiskaming		3		2	1					1		2							1	1	1		3
Thunder Bay	3			3								3				1			1	1			3
Waterloo		3		3					1	2							1		1	1			3
Welland	2			2									2								2		2
Wellington	3	1	1	3	2				1	2			2			1		1	3				5
Wentworth	14	1		9	6			1	4	5		4	1			1			3	7	4		15
York	25		5	25	5				1	10		16	2	1		1		1	2	6	19	1	30
	127	56	35	179	39	1	6	4	22	49	1	117	17	1	3	18	9	18	37	55	77	1	218

ADMISSIONS TO TRAINING SCHOOLS

Brant	1			1								1							1				1
Carleton	1				1					1											1		1
Dufferin		1			1					1									1				1
Essex	1		1	1	1					1			1							1	1		2
Haldimand			1		1					1								1					1
Hastings	1	1		1	1				1	1								1	1				2
Lambton	1			1									1					1					1
Middlesex	1				1					1								1					1
Nipissing	1			1						1									1				1
North. & Durham		1			1					1										1			1
Ontario	3			2	1					3							2	1					3
Sudbury	1			1						1									1				1
Temiskaming			1		1								1			1							1
Wentworth	6			5	1				2	2		1	2							4	2		6
York	30			19	11				1	17		10	2		1	5	3	1	5	3	11	1	30
	47	3	3	32	21				3	31		12	7		1	6	5	6	10	9	15	1	53

ONTARIO TRAINING SCHOOL FOR BOYS—BOWMANVILLE

ANALYSIS OF ADMISSIONS

APRIL 1st, 1935—MARCH 31st, 1936

	City	Town	Township	Theft	General Disobedience	Truancy	Breaking and Entering	Carrying Weapons	Wounding	Indecent Conduct	Personality Difficulties	Assault	Intoxication	Vagrancy	Fifteen	Fourteen	Thirteen	Twelve	Eleven	Ten	Nine	Total
Brant	3			2	1											1	1	1				9
Carleton	3		1			3	1								2	1	1					12
Dufferin			1	1														1				3
Durham and Northumberland		4	1	3	2										2		2			1		15
Elgin	1		1	1	1										1			1				6
Essex	9	1		5	1			1	2	1					4	1	3	1	1			30
Frontenac	1			1											1							3
Grey	2			1						1					1		1					6
Hastings	2		1	1			1			1					1		1	1				9
Kent	2		2	2	1						1					1		1	1	1		12
Lambton	3	1		2	1		1									2	1	1				12
Leeds and Grenville	2	2	1	2			1			1		1			3	2						15
Middlesex	1	1		2												1	1					6
Nipissing	3			2						1					1	1	1					9
Norfolk	1	1			1								1			1	1					6
Ontario	7			2	5											2	1		2	2		21
Perth		1		1																1		3
Peterborough	1				1															1		3
Simcoe		4		2	2											1			1	2		12
Stormont, Dundas & Glengarry		1	2	2			1								2						1	9
Sudbury		2		1										1		1			1			6
Renfrew			1							1						1						3
Thunder Bay	2			1			1									1	1					6
Victoria		2		2														1		1		6
Waterloo		1								1						1						3
Wellington		2	1	1		2										1	2					9
Wentworth	11			5	1	5									3	6	1				1	33
York	30		2	12	11	3	3			2				1	16	5	2	1	2	5	1	96
Unorganized Territory		2		1		1										1	1					6
Total	84	25	14	55	28	14	9	1	2	9	1	1	1	2	37	31	21	9	8	14	3	369

ONTARIO TRAINING SCHOOL FOR BOYS

BOWMANVILLE

PLACEMENT SUPERVISOR'S REPORT

April 1, 1935—March 31, 1936

Number of visits to boys			1,026
Attendance at clinics and social agencies			142
Attendance at court			18
Homes investigated			199
Boys discharged		173	
Placed in foster homes	27		
Placed on farms	32		
Returned to C. A. S.	3		
Placed in other institutions	2		
Placed in miscellaneous positions	13		
Placed in Working Boys' Home	9		
Helpers on Trucks	2		
Working in Factories	6		
Employed as Messengers	8		
Absent and Discharged	4		
Unemployed	7		
Home attending School	60		
	173	173	
Mileage covered during period			37,234 miles
Boys receiving supervision at beginning of period		234	
Boys discharged during period		173	
Boys re-admitted	35		
Employed on Farms	65		
Employed as Messengers	22		
Employed in Factories	26		
Employed at miscellaneous positions	16		
Attending School	197		
In other institutions	3		
Helpers on Trucks	2		
At Working Boys' Home	10		
Returned to Children's Aid Society	6		
Unemployed	18		
Whereabouts unknown	7		
	407	407	
Boys released from guardianship		195	
Boys receiving active supervision at end of period		212	

Placement Officer was assisted for nine months of this period by Mr. W. G. Pettinger.

J. J. BROWN,
Placement Supervisor.

ONTARIO TRAINING SCHOOL FOR GIRLS
GALT

ANALYSIS OF ADMISSION
April 1, 1935, to March 31, 1936

County	Incorrigibility	Theft	Immorality	Truancy	Perjury	Vagrancy	Total
Bruce	...	1	...	...	...	...	1
Carleton	1	...	...	...	...	...	1
Cochrane	1	1	...	...	...	...	2
Dufferin	1	1	...	...	...	...	2
Durham and Northumberland	1	...	1	...	...	...	2
Essex	1	1	2	1	...	...	5
Haldimand	1	...	...	...	...	...	1
Kent	1	...	...	...	...	...	1
Lambton	...	1	1	...	...	...	2
Lennox and Addington	1	...	...	...	...	...	1
Middlesex	1	...	2	...	...	...	3
Muskoka	1	...	...	...	...	...	1
Ontario	1	...	...	...	...	...	1
Renfrew	2	1	...	...	...	...	3
Simcoe	1	...	1	...	...	...	2
Stormont, Dundas and Glengarry	1	...	...	...	...	...	1
Wellington	2	...	...	...	...	...	2
Wentworth	1	1	3	...	1	...	6
York	7	5	2	...	...	1	15
Total	25	11	12	1	1	1	51

AGES ON ADMISSION
April 1, 1935, to March 31, 1936

County	17	16	15	14	13	12	11	10	Total
Bruce	...	...	1	...	...	...	...	...	1
Carleton	...	...	1	...	...	...	...	...	1
Cochrane	...	...	1	...	...	...	...	1	2
Dufferin	...	...	...	...	1	...	...	...	1
Durham and Northumberland	...	...	...	1	1	...	...	...	2
Essex	1	1	2	...	...	1	...	...	5
Haldimand	...	...	...	...	...	1	...	...	1
Kent	...	...	...	1	...	...	...	...	1
Lambton	...	...	1	1	...	...	...	...	2
Lennox and Addington	...	...	...	1	...	...	...	...	1
Middlesex	1	...	1	1	...	...	...	...	3
Muskoka	...	1	...	...	...	...	...	...	1
Ontario	...	...	...	...	1	...	...	...	1
Renfrew	...	...	...	2	1	...	...	...	3
Simcoe	...	...	1	...	...	1	...	...	2
Stormont, Dundas and Glengarry	...	...	...	...	1	...	...	...	1
Wellington	...	...	...	1	1	...	...	...	2
Wentworth	...	...	3	2	...	...	1	...	6
York	...	3	7	2	1	1	1	...	15
Total	2	5	18	12	7	4	2	1	51

ONTARIO TRAINING SCHOOL FOR GIRLS

GALT

PLACEMENT OFFICER'S REPORT

Number of visits to girls			144
Attendance at Clinics and Social Agencies			74
Homes and positions investigated			172
Girls discharged		49	
Placed in Foster Homes	11		
Placed in other Institutions	5		
Placed in positions	25		
Returned home	8		
	49	49	
Mileage covered during the year			10,030
Girls receiving supervision at the beginning of the year		11	
Discharged during the year		49	
Discharged during the year from the Alexandra Industrial School		93	
Total receiving supervision outside the School		153	
Girls re-admitted			5
Girls employed in Shops			3
Girls employed in Domestic Work			16
Girls employed in Factories			1
Girls employed in Hospitals			3
Girls employed in Restaurants			1
Girls deported to the United States of America			1
Girls released from Guardianship			7
Girls receiving active supervision at the end of the year			146

MADGE E. BREWSTER,
Placement Officer.

STATISTICAL REPORT OF COUNTY HOUSES OF REFUGE — RECEIPTS AND EXPENDITURES

JANUARY 1st, 1935 — DECEMBER 31st, 1935

County	Location	Approximate Value of Buildings	Approximate Value of Contents	Approximate Value of Land	Number of Acres	RECEIPTS					EXPENDITURES	Average Number of Residents	Average Daily Cost Per Resident
						Received from Farm	Received from Paying Residents	Old Age Pensioners	Received from Treasurer	Bequests, Endowments, Legacies, etc.	Total Cost of Maintenance		
Brant	Brantford	$ 120,000.00	$ 20,000 00	$ 5,000.00	45	$280.56	.....	$ 4,694.67	$14,783.37	$ 870.15	$ 18,327.33	78	$ .53
Bruce	Walkerton	36,000.00	5,000.00	4,000.00	62	64.00	$ 40.00	3,458.66	6,770.09	.....	10,332.66	43	.66
Elgin	St. Thomas	42,000.00	2,500.00	13,000.00	100	1,201.21	.....	1,740.00	5,153.88	.....	7,475.01	35	.59
Essex	Leamington	25,000.00	7,000.00	13,000.00	90	1,934.25	1,778.37	2,178.00	8,162.59	.....	14,053.31	60	.64
Grey	Markdale	77,000.00	4,000.00	4,000.00	94	865.50	841.82	3,820.41	7,393.74	.....	9,174 10	70	.36
Haldimand	Dunnville	35,000.00	11,500.00	7,000.00	100	1,445.62	681.75	1,818.90	3,711.70	.....	7,657.97	34	.62
Hastings	Belleville	75,000.00	6,000.00	20,000.00	75	367.34	1,406.67	5,782.50	7,249.86	.....	16,157.32	91	.49
Huron	Clinton	70,000.00	10,000.00	5,000.00	151	4,446.79	1,013.44	7,981.44	5,400.00	.....	17,032.72	90	.52
Kent	Chatham	40,000.00	1,000.00	7,000.00	50	279.12	125.00	3,980.90	8,933.40	.....	15,436.55	65	.65
Lambton	Sarnia	70,000.00	9,000.00	6,000.00	60	612.80	641.55	3,384.00	6,609.91	.....	11,248.26	52	.59
Lanark	Perth	48,000.00	7,000.00	3,000.00	60	1,173.84	.....	6,846.97	11,795.66	.....	19,339.85	94	.57
Leeds and Grenville	Athens	65,000.00	2,000.00	3,000.00	100	.....	1,040.00	2,340.00	6,470.29	.....	9,470.29	42	.64
Lincoln	St. Catharines	62,000.00	13,000.00	12,500.00	70	3,255.08	2,980 00	1,520.00	5,834.18	.....	12,021.93	61	.54
Middlesex	Strathroy	55,000.00	11,500.00	6 ,000.00	117	635.76	334.00	2,990.08	8,416.06	.....	13,499.61	84	.52
Norfolk	Simcoe	71,000.00	9,000.00	3,000.00	99	515.17	.....	4,087.33	10,584.97	.....	13,149.52	60	.60
Northumberland and Durham	Cobourg	60,000.00	5,000.00	6,000.00	80	609.20	192.00	3,834.00	5,678.64	.....	17,710.40	34	.83
Ontario	Whitby	25,000.00	3,000.00	5,000.00	82	829.02	2,108.25	3,846.50	5,526.87	.....	14,497.64	70	.57
Oxford	Woodstock	38,000.00	8,000.00	7,000.00	100	900.00	1,500.00	4,880.00	5,264.07	.....	13,025.77	80	.45
Peel and Halton	Brampton	74,000.00	12,000.00	10,000.00	100	583.01	904.03	7,005.79	4,200.00	.....	12,735.92	89	.39
Perth	Stratford	50,000.00	3,000.00	3,000.00	53	377.86	1,355.00	2,421.22	7,340.09	233.56	11,727.73	58	.56
Peterborough	Lakefield	25,000.00	2,750.00	5,000.00	96	238.18	238.20	2,760.84	1,910.44	.....	6,071.42	15	1.11
Prescott and Russell	O'Original	35,000.00	13,000.00	3,500.00	100	732.97	.....	4,075.93	9,943.60	.....	14,752.50	65	.62
Prince Edward	Picton	35,000.00	7,500.00	2,500.00	45	536.45	430.70	5,333.54	8,382.12	.....	2,081.43	50	.46
Simcoe	Beeton	40,000.00	9,000.00	3,000.00	100	1,886.65	2,448.59	6,409.66	9,303.37	.....	20,451.29	103	.55
Stormont, Dundas, Glengarry	Cornwall	47,000.00	13,000.00	5,000.00	140	317.26	173.87	5,639.36	10,301.83	.....	17,491.31	91	.53
Victoria	Lindsay	93,000.00	15,000.00	8,000.00	65	187.49	995.68	5,148.00	5,688.40	.....	14,827.59	61	.67
Waterloo	Kitchener	195,000 00	20,000.00	15000.00	110	3,482.74	1,921.00	8,235.46	31,080.53	.....	52,241.67	164	.87
Welland	Welland	42,000.00	12,000.00	9,000.00	60	510.03	658.20	3,463.87	10,301.83	.....	16,022.15	71	.62
Wellington	Fergus	80,000.00	6,500.00	5,000.00	58	394.87	2,245.68	4,134.16	5,750.00	.....	12,587.40	71	.49
Wentworth	Dundas	41,000.00	10,000.00	14,000 00	188	831.78	.....	5,130.00	7,276.00	.....	13,237.84	52	.70
York	New Market	145,000.00	10,000.00	10,000.00	150	1,500.00	1,046.00	6,284.77	6,517.08	.....	15,347.85	97	.46
		$1,916,000.00	$268,250.00	$ 222 500.00	2,800	$ 30,994.57	$ 27,099.80	$ 135,226.96	$ 251,734.54	$1,102.71	$ 449,576.34	69	$ .59

CITY REFUGES

RESIDENTS

Name of Refuge	Location	Number of Beds	Number of Residents on January 1st, 1935	Number Admitted During Year	Total Number Under Lodgement During Year	Total Number Discharged During Year	Number of Deaths During Year	Number Remaining in on December 31, 1935
Belleville Home for the Aged	Belleville	16	13	3	16	3	1	12
Widows' Home	Brantford	16	15	2	17	1	1	15
Home for the Friendless	Chatham	50	26	8	34	9	0	25
St. Paul's Home	Cornwall	100	67	42	109	32	15	62
House of Providence	Dundas	165	123	92	215	62	17	136
Elliott Home	Guelph	30	23	11	34	9	3	22
House of Providence	"	42	31	27	58	25	4	29
Aged Women's Home	Hamilton	51	51	3	54	0	3	51
Home for the Aged and Infirm	"	220	205	76	281	39	30	212
Home for the Friendless Women and Infants	Kingston	45	29	67	96	57	1	38
House of Providence	"	185	165	167	332	114	43	175
House of Refuge	"	55	27	8	35	10	2	23
House of Providence	London	200	162	67	229	56	18	155
McCormick Home for the Aged	"	100	81	40	121	30	4	87
Bronson Memorial Home	Ottawa	32	31	7	38	7	2	29
May Court Club Convalescent Home	"	18	6	124	130	122	0	8
Monastery of Our Lady of Charity	"	250	133	72	205	77	1	127
The Agnes Stroud Home	"	43	24	101	125	86	1	38
Protestant Home for the Aged	"	44	28	9	37	7	4	26
St. Charles Hospice	"	400	309	124	433	60	68	305
St. Mary's Home	"	50	35	98	133	98	3	32
St. Patrick's Home (Refuge)	"	120	108	29	137	16	19	102
Anson House	Peterborough	41	34	52	86	45	5	36
St. Joseph's House of Providence	"	74	67	25	92	15	9	68
Thomas Williams Home	St. Thomas	30	22	5	27	2	3	22
Aged Men's Home	Toronto	59	57	17	74	10	6	58
Aged Women's Home	"	122	116	38	154	19	13	122
Church Home for the Aged	"	44	44	11	55	10	2	43
Good Shepherd Industrial Refuge	"	190	165	47	212	48	1	163
The Haven	"	52	38	57	95	46	0	49
House of Industry	"	175	156	89	245	76	12	157
House of Providence	"	489	399	400	799	352	28	419

Humewood House	Toronto	35	26	72	98	70	1	27
Independent Order of Odd Fellows (Refuge)	"	48	42	6	48	2	5	41
Industrial Refuge	"	90	63	40	103	51	0	52
Jewish Old Folks Home	"	82	73	23	96	9	14	73
Julia Greenshields Home	"	30	28	6	34	5	2	27
Pentecostal Bethel Home	"	14	9	24	33	29	0	4
St. Mary's Convalescent and Rest Home	"	34	29	50	79	42	3	34
Salvation Army Aged Men's Home	"	38	20	17	37	11	4	22
Salvation Army Rescue and Receiving Home	"	58	29	428	457	427	0	30
Victor Home	"	25	29	87	116	85	1	30
Home of the Friendless	Windsor	31	27	7	34	9	2	23
Our Lady of Charity Refuge	"	40	37	20	57	20	0	37
	TOTAL	4,033	3,202	2,698	5,900	2,303	351	3,246

DISTRICT REFUGES

District of Nipissing House of Refuge	North Bay	60	42	18	60	11	7	42
Parry Sound District House of Refuge	Powassan	35	31	9	40	6	8	26
District of Algoma House of Refuge	Sault Ste. Marie	95	91	19	110	6	9	95
	TOTAL	190	164	46	210	23	24	163

CITY REFUGES

COST OF MAINTENANCE

Name of Refuge	Location	Total Collective Days Stay of Residents	Total Cost of Dietaries	Other Maintenance Cost	Total Maintenance Cost	Average Cost of Each Resident Per Day
Belleville Home for the Aged	Belleville	4,177	$791.98	$ 2,137.99	$ 2,929.97	$ .70
Widows' Home	Brantford	5,413	687.44	2,400.63	3,088.07	.57
Home for the Friendless	Chatham	9,431	1,994.23	4,945.63	6,939.86	.74
St. Paul's Home	Cornwall	23,589	4,120.36	13,666.89	17,787.25	.75
House of Providence	Dundas	44,413	11,832.42	30,112.84	41,945.26	.94
Elliott Home	Guelph	7,852	3,666.40	11,100.62	14,767.02	1.88
House of Providence	"	11,451	2,343.90	15,263.70	17,607.60	1.54
Aged Women's Home	Hamilton	18,354	3,134.56	13,358.85	16,493.41	.90
Home for the Aged and Infirm	"	76,108	12,509.90	37,615.06	50,124.96	.66
Home for Friendless Women and Infants	Kingston	11,756	1,265.96	2,377.68	3,643.64	.31
House of Providence	"	60,262	20,468.05	45,073.87	65,541.92	1.09
House of Refuge	"	8,571	2,141.32	6,827.21	8,968.53	1.05
House of Providence	London	56,623	14,961.24	34,981.95	49,943.19	.88
McCormick Home for the Aged	"	33,051	5,588.40	26,037.43	31,625.83	.96
Bronson Memorial Home	Ottawa	11,101	2,395.04	6,280.10	8,675.14	.78
May Court Club Convalescent Home	"	2,660	1,566.67	4,190.59	5,757.26	2.16
Monastery of Our Lady of Charity	"	46,910	7,339.21	29,137.03	36,476.24	.78
The Agnes Stroud Home	"	14,687	2,105.13	28,733.39	30,838.52	2.10
Protestant Home for the Aged	"	10,267	1,421.34	4,504.40	5,925.74	.57
St. Charles Hospice	"	118,727	34,061.64	83,526.19	117,587.83	.99
St. Mary's Home	"	14,512	2,379.57	5,217.85	7,597.42	.52
St. Patrick's Home (Refuge)	"	37,395	5,175.09	14,231.47	19,406.56	.52
Anson House	Peterborough	12,883	2,846.32	7,798.16	10,644.48	.83
St. Joseph's House of Providence	"	22,672	5,689.62	20,012.49	25,702.11	1.13
Thomas Williams Home	St. Thomas	7,474	1,737.94	5,179.79	6,917.73	.93
Aged Men's Home	Toronto	21,341	5,816.97	14,451.88	20,268.85	.95
Aged Women's Home	"	42,588	11,128.23	24,756.83	35,885.06	.84
Church Home for the Aged	"	15,892	5,728.23	12,647.59	18,375.82	1.16
Good Shepherd Industrial Refuge	"	59,492	16,768.25	38,929.83	55,698.08	.94
The Haven	"	13,058	2,314.68	14,076.06	16,390.74	1.25

House of Industry	Toronto	55,210	86,322.81	49,288.59	135,611.40	2.46
House of Providence	"	141,539	36,215.69	72,071.95	108,287.64	.76
Humewood House	"	8,740	1,873.73	6,281.85	8,155.58	.93
Independent Order of Odd Fellows Home (Refuge)	"	16,380	5,907.52	28,637.38	34,544.90	2.11
Industrial Refuge	"	22,451	6,014.70	27,384.55	33,399.25	1.48
Jewish Old Folks Home	"	26,645	6,882.12	18,827.33	25,709.45	.96
Julia Greenshields Home	"	9,535	3,857.24	10,457.22	14,314.46	1.50
Pentecostal Bethel Home	"	3,367	776.91	2,317.57	3,094.48	.92
St. Mary's Convalescent and Rest Home	"	8,100	3,165.72	6,380.62	9,546.34	1.18
Salvation Army Aged Men's Home	"	7,547	1,645.22	3,878.95	5,524.17	.73
Salvation Army Rescue and Receiving Home	"	10,972	2,168.73	10,192.52	12,361.25	1.13
Victor Home	"	10,608	1,564.76	3,676.34	5,241.10	.49
Home of the Friendless	Windsor	9,676	2,214.99	2,000.79	4,215.78	.44
Our Lady of Charity Refuge	"	12,786	1,522.58	16,367.39	17,889.97	1.40
		1,166,266	$354,112.81	$817,337.05	$1,171,449.86	$1.04

DISTRICT REFUGES

District of Nipissing House of Refuge	North Bay	14,317	2,644.21	10,617.09	13,261.30	.93
Parry Sound District House of Refuge	Powassan	9,911	2,281.94	6,295.14	8,577.08	.87
District of Algoma House of Refuge	Sault Ste. Marie	32,009	3,880.00	14,713.02	18,593.02	.58
		56,237	$ 8,806.15	$31,625.25	$40,431.40	.79

CITY REFUGES

RECEIPTS

Name of Refuge	Location	Income from Provincial Government for Grant	Income from Residents for Maintenance, Miscellaneous Sales, etc	Income from Municipalities for Residents' Maintenance	Income from Investments, Endowments, etc.	Income from Donations, Bequests and Other Gratuitous Income	Total Income from all Sources
Belleville Home for the Aged	Belleville	$ 377.10	$ 1,297.15	$ 2,000.00	$	$	$ 3,674.25
Widows' Home	Brantford	212.00	2,128.00	2,521.22	2,121.31	.....	6,982.53
Home for the Friendless	Chatham	567.00	1,795.29	4,553.69	6.88	17.00	6,939.86
St. Paul's Home	Cornwall	1,412.60	11,615.03	.....	1,112.41	3,725.75	17,865.79
House of Providence	Dundas	2,212.90	19,348.12	.....	485.62	11,188.79	33,235.43
Elliott Home	Guelph	839.60	10,094.90	.....	1,030.54	.....	11,965.04
House of Providence	"	829.40	7,832.65	2,282.98	.....	5,190.88	16,135.91
Aged Women's Home	Hamilton	1,384.50	.....	3,695.60	6,382.96	186.00	11,649.06
Home for the Aged and Infirm	"	7,017.80	13,226.65	29,880.51	.....	.....	50,124.96
Home for Friendless Women and Infants	Kingston	544.40	2,049.14	1,050.00	141.58	43.78	3,828.90
House of Providence	"	3,475.03	33,364.42	3,949.44	774.90	15,366.77	56,930.56
House of Refuge	"	535.50	1,606.56	3,192.59	3,661.83	3,520.00	12,516.48
House of Providence	London	3,050.20	17,511.68	2,685.55	186.74	14,848.10	38,282.27
McCormick Home for the Aged	"	1,347.10	13,906.82	8,289.60	3,689.98	88.79	27,322.29
Bronson Memorial Home	Ottawa	411.20	5,784.40	173.80	1,698.19	569.00	8,636.59
May Court Club Convalescent Home	"	342.50	1,145.34	1,080.80	1,673.02	1,515.60	5,757.26
Monastery of Our Lady of Charity	"	3,198.45	9,378.41	2,014.01	.....	5,357.65	19,948.52
The Agnes Stroud Home	"	914.40	25,214.26	.....	774.85	96.68	27,000.19
Protestant Home for the Aged	"	788.50	3,236.59	661.70	104.83	1,094.70	5,886.32
St. Charles Hospice	"	6,281.60	43,826.09	31,085.79	104.28	25,040.59	106,338.35
St. Mary's Home	"	1,103.60	201.75	.....	.....	6,500.00	7,805.35
St. Patrick's Home (Refuge)	"	1,927.47	10,466.91	899.00	107.10	3,613.01	17,013.49
Anson House	Peterborough	354.90	5,657.75	1,577.00	1,930.15	900.00	10,419.80
St. Joseph's House of Providence	"	1,312.10	8,292.50	3,589.60	323.45	5,432.49	18,950.14
Thomas Williams Home	St. Thomas	251.90	2,989.50	.....	2,665.83	898.02	6,805.25
Aged Men's Home	Toronto	967.01	14,159.23	1,624.00	3,256.04	384.12	20,390.40
Aged Women's Home	"	1,807.86	28,816.40	3,259.50	1,252.00	398.49	35,534.25
Church Home for the Aged	"	924.20	13,495.41	.....	2,110.83	2,523.50	19,053.94
Good Shepherd Industrial Refuge	"	5,845.64	32,804.08	1,784.36	.....	8,064.00	48,498.08
The Haven	"	3,155.50	2,000.36	2,146.50	1,764.97	8,572.32	17,639.65

House of Industry	Toronto	1,074.20	7,600.68	133,128.98	2,560.70	224.05	144,588.61
House of Providence	"	10,016.00	46,746.13	17,202.00	28.46	16,556.19	90,548.78
Humewood House	"	881.75	408.53	.....	88.49	6,058.80	7,437.57
Independent Order of Odd Fellows (Refuge)	"	1,275.00	32,423.63	.....	4,022.64	292.40	38,013.67
Industrial Refuge	"	2,454.82	18,623.49	10,294.00	358.68	1,663.72	33,394.71
Jewish Old Folks Home	"	1,654.00	3,404.45	2,026.00	1,996.02	16,145.00	25,225.47
Julia Greenshields Home	"	507.00	5,541.66	.....	1,879.02	4,750.99	12,678.67
Pentecostal Bethel Home	"	298.20	1,609.35	.....	.....	1,132.61	3,040.16
St. Mary's Convalescent and Rest Home	"	507.70	9,274.60	.....	.....	134.69	9,916.99
Salvation Army Aged Men's Home	"	90.30	4,136.80	.....	.....	980.54	5,207.64
Salvation Army Rescue and Receiving Home	"	1,268.60	5,185.43	1,950.00	.....	1,799.47	10,203.50
Victor Home	"	1,141.76	698.66	.....	.....	3,457.92	5,298.34
Home of the Friendless	Windsor	598.30	1,268.99	1,986.36	.....	17.78	3,871.43
Our Lady of Charity Refuge	"	879.90	10,616.60	.....	.....	2,327.64	13,824.14
		$76,039.49	$190,784.39	$280,584.58	$48,294.30	$180,677.83	$1,076,380.59

DISTRICT REFUGES

District of Nipissing House of Refuge	North Bay	2,465.60	3,332.08	5,470.06	20.26	30.52	11,318.52
Parry Sound District House of Refuge	Powassan	445.10	2,970.72	3,369.32	4.83	.....	6,789.97
District of Algoma House of Refuge	Sault Ste. Marie	3,077.70	3,568.14	22,434.91	.....	.....	29,080.75
		$ 5,988.40	$ 9,870.94	$ 31,274.29	$ 25.09	$ 30.52	$ 47,189.24

ORPHANAGES

RESIDENTS

Name of Orphanage	Location	Number of Beds	Number of Residents on January 1, 1935	Number Admitted During Year	Total Number Under Lodgement During Year	Total Number Discharged During Year	Number of Deaths During Year	Number Remaining in on December 31, 1935
St. Joseph's Orphanage	Cobourg	35	35	15	50	22	0	28
Nazareth Orphanage	Cornwall	60	55	29	84	37	0	47
St. Joseph's Orphanage	Fort William	140	105	121	226	114	0	112
Boys' Home	Hamilton	60	21	5	26	1	0	25
Girls' Home	"	50	33	15	48	3	0	45
Home of the Friendless and Infants' Home	"	120	81	137	218	142	2	74
St. Mary's Orphanage	"	116	99	74	173	59	0	114
Salvation Army Rescue Home	"	20	11	101	112	93	3	16
St. Joseph's Orphanage	Hearst	68	51	59	110	41	0	69
Orphans' Home and Widows' Friend Society	Kingston	20	15	41	56	35	0	21
St. Mary's of the Lake Orphanage	"	100	79	41	120	54	0	66
Kitchener Orphanage	Kitchener	30	13	18	31	12	0	19
Mount St. Joseph Orphanage	London	150	118	38	156	70	0	86
Protestant Orphans' Home	"	55	38	28	66	17	0	49
Ronald and Roy Gray Memorial Home	"	35	29	6	35	9	0	26
Salvation Army Rescue Home	"	45	41	102	143	108	0	35
Protestant Children's Village	Ottawa	50	28	82	110	81	0	29
St. Joseph's Orphanage	"	270	199	104	303	96	0	207
St. Patrick's Home (Orphanage)	"	83	60	40	100	40	0	60
Salvation Army Rescue Home	"	60	55	122	177	124	0	53
St. Vincent's Orphanage	Peterborough	30	25	5	30	16	0	14
Loyal True Blue and Orange Home	Richmond Hill	200	132	27	159	35	1	123
St. Agatha Orphans' Home	St. Agatha	86	61	30	91	40	0	51
Protestant Orphans' Home	St. Catharines	36	22	4	26	11	0	15
D'Youville Orphanage	Sudbury	60	53	31	84	27	0	57
Boys' Home	Toronto	55	34	22	56	18	0	38
Carmelite Orphanage	"	58	45	10	55	11	0	44
Catholic Welfare Bureau	"	...	122	246	368	81	0	287
Infants' Home and Infirmary	"	...	359	621	980	605	3	372
Independent Order of Odd Fellows Orphanage	"	30	23	0	23	8	0	15

Jewish Children's Bureau	"		...	102	69	171	66	0	105
Protestant Children's Homes	"		...	234	321	555	318	0	237
Sacred Heart Orphanage	"		85	40	17	57	23	0	34
Salvation Army Girls' Home	"		40	32	12	44	16	0	28
St. Mary's Infants' Home	"		86	35	96	131	95	2	34
Working Boys' Home	"		48	40	98	138	94	0	44
TOTALS			2,381	2,525	2,787	5,312	2,622	11	2,679

ORPHANAGES

COST OF MAINTENANCE

Name of Orphanage	Location	Total Collective Days Stay of Residents	Total Cost of Dietaries	Other Maintenance Cost	Total Maincenance Cost	Average Cost of each Resident Per Day
St. Joseph's Orphanage	Cobourg	11,188	$ 1,389.89	$ 6,036.22	$ 7,426.11	$0.66
Nazareth Orphanage	Cornwall	18,178	4,078.16	12,012.60	16,090.76	.88
St. Joseph's Orphanage	Fort William	34,162	6,224.94	7,572.77	13,797.71	.40
Boys' Home	Hamilton	8,599	2,124.85	7,155.48	9,280.33	1.08
Girls' Home	"	14,528	2,913.52	6,014.82	8,928.34	.61
Home of the Friendless and Infants' Home	"	30,084	5,913.07	11,010.18	16,923.25	.56
St. Mary's Orphanage	"	37,644	8,919.20	23,357.41	32,276.61	.86
Salvation Army Rescue Home	"	5,412	1,653.07	6,491.87	8,144.94	1.50
St. Joseph's Orphanage	Hearst	21,136	4,278.68	7,505.95	11,784.63	.56
Orphans' Home and Widows' Friend Society	Kingston	6,256	758.92	7,628.49	8,387.41	1.34
St. Mary's of the Lake Orphanage	"	27,736	5,278.26	17,994.64	23,272.90	.84
Kitchener Orphanage	Kitchener	4,713	708.93	3,360.40	4,069.13	.86
Mount St. Joseph Orphanage	London	37,702	6,649.79	38,570.91	45,220.70	1.20
Protestant Orphans' Home	"	18,426	2,086.65	8,972.43	11,059.08	.60
Ronald and Roy Gray Memorial Home	"	10,343	2,642.47	5,095.21	7,737.68	.75
Salvation Army Rescue Home	"	15,673	3,009.33	12,925.09	15,934.42	1.02
Protestant Children's Village	Ottawa	9,825	2,300.00	8,934.83	11,234.83	1.14
St. Joseph's Orphanage	"	74,372	11,339.66	33,010.35	44,350.01	.60
St. Patrick's Home (Orphanage)	"	21,904	2,587.55	7,115.73	9,703.28	.44
Salvation Army Rescue Home	"	18,692	1,778.70	6,515.18	8,293.88	.44
St. Vincent's Orphanage	Peterborough	7,671	1,199.20	3,830.92	5,030.12	.66
Loyal True Blue and Orange Home	Richmond Hill	48,189	7,079.91	45,849.98	52,929.89	1.10
St. Agatha Orphans' Home	St. Agatha	21,280	861.35	7,224.62	8,085.97	.39
Protestant Orphans' Home	St. Catharines	6,729	1,300.48	6,374.16	7,674.64	1.14
D'Youville Orphanage	Sudbury	20,218	2,283.11	2,687.99	4,971.10	.25
Boys' Home	Toronto	12,102	2,812.67	10,581.93	13,394.60	1.11
Carmelite Orphanage	"	16,912	2,458.57	18,389.34	20,847.91	1.23
Catholic Welfare Bureau	"	54,432	.....	73,354.20	73,354.20	1.35
Infants' Home and Infirmary	"	140,772	.....	137,038.48	137,038.48	.97

Independent Order of Odd Fellows Orphanage	"		6,198	2,953.75	14,199.79	17,153.54	2.77
Jewish Children's Bureau	"		36,818	.....	35,427.87	35,427.87	.96
Protestant Children's Homes	"		91,192	.....	74,254.56	74,254.56	.81
Sacred Heart Orphanage	"		12,942	3,667.04	6,900.08	10,567.12	.80
Salvation Army Girls' Home	"		11,323	2,174.84	7,142.28	9,317.12	.82
St. Mary's Infants' Home	"		13,588	6,026.45	12,268.10	18,294.55	1.35
Working Boys' Home	"		13,052	3,689.33	7,228.85	10,918.18	.84
			939,991	$ 113,142.14	$ 700,033.71	$ 813,175.85	$ .91

ORPHANAGES

RECEIPTS

Name of Orphanage	Location	Income from Provincial Government for Grant	Income from Residents for Maintenance, Miscellaneous Sales, etc.	Income from Municipalities for Residents' Maintenance	Income from Investments, Endowments, etc.	Income from Donations, Bequests and Other Gratuitous Income	Total Income from all Sources
St. Joseph's Orphanage	Cobourg	$ 509.50	.....	$ 1,313.20	.....	$ 4,477.98	$ 6,300.68
Nazareth Orphanage	Cornwall	1,295.70	$ 1,900.50	.....	.....	10,944.84	14,141.04
St. Joseph's Orphanage	Fort William	1,503.55	1,695.00	12,080.79	.....	2,506.46	17,785.80
Boys' Home	Hamilton	567.50	622.25	2,415.96	$ 2,802.58	2,769.25	9,177.54
Girls' Home	"	475.95	889.00	2,597.25	1,758.41	2,884.19	8,604.80
Home of the Friendless and Infants' Home	"	2,386.95	1,538.25	9,481.40	2,578.11	49.02	16,033.73
St. Mary's Orphanage	"	1,442.35	3,522.05	5,317.32	.....	13,605.00	23,886.72
Salvation Army Rescue Home	"	864.65	4,733.49	217.16	.....	656.30	6,471.60
St. Joseph's Orphanage	Hearst	744.30	4,110.94	.....	.....	751.59	5,606.83
Orphans' Home and Widows' Friend Society	Kingston	998.60	947.16	.....	6,464.00	7,670.00	16,079.76
St. Mary's of the Lake Orphanage	"	1,165.00	2,154.60	4,617.34	182.49	7,563.57	15,683.00
Kitchener Orphanage	Kitchener	226.80	1,104.10	250.00	1,464.13	916.83	3,961.86
Mount St. Joseph Orphanage	London	1,718.65	633.77	6,725.05	.....	27,293.12	36,370.59
Protestant Orphans' Home	"	685.35	1,949.54	1,200.00	5,862.90	2,602.75	12,300.54
Ronald and Roy Gray Memorial Home	"	666.20	3,601.26	.....	53.00	2,084.24	6,404.70
Salvation Army Rescue Home	"	1,429.10	6,742.77	633.34	.....	3,245.27	12,050.48
Protestant Children's Village	Ottawa	385.80	460.00	1,291.20	1,115.20	6,959.50	10,211.70
St. Joseph's Orphanage	"	2,945.00	2,638.75	12,218.19	.....	19,541.78	37,343.72
St. Patrick's Home (Orphanage)	"	963.73	2,199.73	449.50	53.55	1,806.50	5,473.01
Salvation Army Rescue Home	"	1,734.60	3,660.18	542.70	.....	617.00	6,554.48
St. Vincent's Orphanage	Peterborough	357.85	848.10	200.00	.....	3,947.80	5,353.75
Loyal True Blue and Orange Home	Richmond Hill	3,175.20	2,375.95	.....	30,855.41	19,938.09	56,344.65
St. Agatha Orphans' Home	St. Agatha	828.86	1,081.35	800.00	.....	5,572.87	8,283.08
Protestant Orphans' Home	St. Catharines	579.20	911.50	.....	5,019.03	1,509.90	8,019.63
D'Youville Orphanage	Sudbury	740.70	1,562.00	.....	.....	4,972.84	7,275.54
Boys' Home	Toronto	832.30	2,012.01	1,399.60	3,003.31	3,530.13	10,777.35
Carmelite Orphanage	"	936.60	4,228.24	.....	2,224.00	13,766.49	21,155.33
Catholic Welfare Bureau	"	1,782.95	.....	6,779.30	.....	53,899.59	62,461.84
Infants' Home and Infirmary	"	8,937.30	36,234.93	52,555.12	6,680.38	43,325.20	147,732.93
Independent Order of Odd Fellows Orphanage	"	637.50	14,639.92	.....	2,011.30	146.20	17,434.92

Jewish Children's Bureau	"	.....	1,906.05	1,056.92	18,502.10	.....	13,349.35	34,814.42
Protestant Children's Homes	"	.....	3,594.85	10,889.70	26,222.67	13,527.51	13,761.00	67,995.73
Sacred Heart Orphanage	"	.....	848.75	156.57	.....	230.29	9,121.62	10,357.23
Salvation Army Girls' Home	"	.....	749 80	1,560.22	.....	.....	3,552.91	5,862.93
St. Mary's Infants' Home	"	.....	1,093.25	842.28	3,090.19	.....	11,640.48	16,666.20
Working Boys' Home	"	.....	1,431.95	6,643.10	500.00	190.09	1,729.45	10,494.59
			51,142.39	$130,146.13	$171,399.38	$86,075.69	$322,709.11	$761,472 70

SOLDIERS' AID COMMISSION

SERVICE STATISTICAL REPORT

APRIL 1st, 1935, TO MARCH 31st, 1936

Month	A. Child Welfare	B. Nos. 2 & 3 Accts.	C. No. 8 Account	D. Canteen Fund	E. Pension & Service	F. Misc.	Total
1935							
April	88	47	7	39	48	115	344
May	96	106	7	49	45	101	404
June	82	63	1	27	44	96	313
July	63	62	4	19	27	91	266
August	66	72	7	24	31	84	284
September	80	86	8	27	35	105	341
October	79	61	10	29	33	102	314
November	94	67	4	36	30	133	364
December	79	103	19	36	28	126	391
1936							
January	76	90	10	42	58	137	413
February	64	83	9	48	36	152	392
March	75	129	5	41	37	174	461
Total	942	969	91	417	452	1,416	4,287

NOTE:—

A. Investigations and Service on account of Wards of the Commission.

B. Emergency assistance granted.

C. Kathleen Hammond Bequest Trust Fund, emergency assistance to pensioned widows of veterans.

D. Administration of Special Grants from Canteen Fund.

E. Information, Advice and Assistance in respect to claims for Treatment and Pensions by veterans.

F. General Advice given on matters relating to Public and Private Welfare facilities for veterans or their dependents.

Number of Office Interviews 4,860

PLACEMENT OF WARDS

Number of Wards placed in positions	39
Number of Wards placed in Boarding Homes	20
Number of Wards attaining the age of 21 years	28
Number of Wards taken to Hospitals and Clinics	34
Number of Wards Married	3

Total Number of Wards under Commission's care on April 1st, 1935	164
Net Total, March 31st, 1936	133

FINANCIAL ASSISTANCE GRANTED

APRIL 1st, 1935, TO MARCH 31st, 1936

Month	Nos. 2 & 3 Accounts	No. 8 Account	Canteen Fund	Outside Sources	Total
1935					
April	$ 146.28	$ 109.22	$ 15.42	$360.00	$ 630.92
May	742.16	34.55	15.00	....	791.71
June	460.37	27.18	15.10	25.00	527.65
July	344.73	352.00	10.00	....	706.73
August	378.05	184.25	....	....	562.30
September	553.65	120.00	20.00	40.00	733.65
October	492.01	147.54	42.44	....	681.99
November	503.86	113.07	10.00	5.75	632.68
December	637.95	396.33	20.00	65.00	1,119.28
1936					
January	926.36	177.07	23.00	50.00	1,176.43
February	566.15	100.15	67.20	14.30	747.80
March	1,192.56	147.20	32.00	38.75	1,410.51
Totals	$6,944.13	$1,908.56	$270.16	$598.80	$9,721.65

ANALYSIS OF ASSISTANCE RENDERED FROM NOS. 2 AND 3 ACCOUNTS, KATHLEEN HAMMOND FUND AND OUTSIDE SOURCES,

APRIL 1st, 1935, TO MARCH 31st, 1936

Hospital, Medical and Surgical Supplies	62
Fuel (Emergency)	46
Men's, Women's and Children's Clothing, Underwear, etc.	420
Special Diet and Emergency Food	256
Bedding and Household Supplies	207
Transportation	74
Truck, Car and Chauffeur Licences, etc.	18
Glasses, Repairs and Dentures	81
Layettes	8
Material, Supplies and Stock-in-Trade	417
Unclassified	32

STATEMENT OF RECEIPTS AND EXPENDITURES

No. 1 Account (Operating)

APRIL 1st, 1935, TO MARCH 31st, 1936

RECEIPTS

Balance in hand		$ 2,032.31	
Provincial Treasurer	$ 9,995.00		
Ditto (Salary Cheques)	8,677.50		
Imprest Account	100.00		
Petty Cash	76.02		
Refund from Relief Account re Loan	1,005.00		
		19,853.52	
			$21,885.83

EXPENDITURES

Office Salaries	$11,819.99		
Postage	121.95		
Stationery	457.65		
Telegraph and Telephone	41.67		
Travelling Expenses	2,080.95		
Miscellaneous Expenses	193.80		
		$14,716.01	

RE WARDS

Clothing	$ 593.46		
Maintenance	3,640.64		
Medical and Dental	76.52		
		4,310.62	
		$19,026.63	
Imprest Account		150.00	
Petty Cash		111.67	
		$19,288.30	
Balance at Bank		2,597.53	
			$21,885.83

RELIEF, ESTATES AND TRUST FUNDS

(Accounts No. 2, 3, 8 and Wards Trust Account)

STATEMENT OF RECEIPTS AND EXPENDITURES

APRIL 1st, 1935, TO MARCH 31st, 1936

Balance in hand (Cash in Bank, Investments, etc.)			$ 71,862.63
Less Sale of Three Bonds			3,219.40
			$ 68,643.23

RECEIPTS

RELIEF			
Canteen Fund	$ 326.85		
Other sources	1,817.49		
Scott Bequest	659.40		
Handbooks	47.20		
Grants from Provincial Treasurer	8,000.00		
		$10,850.94	
NO. 3 ACCOUNT (Hales Estate)		50.00	
CROFT ESTATE		2,283.92	
NO. 8 ACCOUNT (Hammond Estate)			
Bonds, etc.	$24,932.15		
Interest from Bonds	1,469.17		
		26,401.32	
WARDS TRUST ACCOUNT	$ 1,382.17		
Sale of Bonds	3,263.07		
Interest on Bonds	1,725.00		
		6,370.24	
			45,956.42
			$114,599.65

EXPENDITURES

RELIEF			
Gratuities	$ 6,944.13		
Canteen Fund	270.16		
Loan to Croft Estate	900.00		
Handbooks	232.75		
Sundry	360.00		
Croft Estate re Taxes	1,168.28		
		$ 9,875.32	
NO. 3 ACCOUNT (Hales Estate)			
Gratuities		29.42	
CROFT ESTATE			
Loan due to No. 2 Account	$ 1,004.23		
Legal charges	61.17		
Taxes re Lot 1	1,014.09		
		2,079.49	
HAMMOND ESTATE (No. 8 Account)			
Gratuities		1,908.56	
WARDS (Children's Trust Account)		6,685.61	
		$20,578.40	

ASSETS

INVESTMENTS			
Hammond Estate	$47,094.40		
Wards (Children's Trust)	32,639.33		
		79,733.73	
Balance at Bank		14,287.52	
			$114,599.65

ONTARIO SOCIETY FOR CRIPPLED CHILDREN

STATEMENT OF RECEIPTS AND DISBURSEMENTS FOR THE YEAR ENDED FEBRUARY 29, 1936

			Actual Receipts and Disb'ments	Budget Receipts and Disb'ments
RECEIPTS				
Balance on deposit with Chartered Trust and Executor Company February 28, 1935			$ 219.07	$ 219.07
Subscriptions and donations		$1,488.98		1,573.05
Province of Ontario Grant		6,000.00		6,000.00
City of Toronto Grant		2,500.00		2,500.00
Interest on bank account		61.49		
Membership fees as per schedule attached		1,147.00		1,000.00
Repayment of Advances to Campaign Fund made in previous year		904.54		904.54
Revenue from Foundation Fund		2,009.99		2,325.00
Revenue from Advertising in "Horizon"		206.25	14,318.25	
			$14,537.32	$14,521.66
DISBURSEMENTS				
Subscriptions		$ 24.96		
Salaries		8,877.89		$ 8,796.66
Travelling expenses:				
Secretary	$1,224.53			
Directors	611.66	1,836.19		2,150.00
Postage, Telephone and Telegraph	$ 625.99			
Printing and Stationery	1,155.81			
General expense	430.07			
Bank Charges	3.07	2,214.94		1,675.00
Medical supplies	$ 903.14			
Furniture	418.00			
Automobile purchased	652.50			
Commission re "Horizon"	75.78	2,049.42		1,900.00
Total Disbursements			$15,003.40	$14,521.66
Overdraft February 29, 1936			466.08	

Note—Budget disbursements have been regrouped in accordance with ledger headings.

Certified per report attached.

(Signed) JENKINS AND HARDY,
Auditors.

CARE OF HANDICAPPED CHILDREN - 1935

Names of Organizations Reporting	Total of All Cases for 1935	ORTHOPAEDIC CASES									NON-ORTHOPAEDIC CASES						Disposition of all Cases		
		Cases Examined			Causes of Disabilities						Cases Examined			Causes of Disabilities					
		Old	New	Total	Poliomyelitis (Infantile Paralysis)	Congenital (from birth)	Rickets	Tuberculosis	Accidents	Others and unclassified	Old	New	Total	Nose, Throat and ears	Eyes	Others and unclassified	Admitted to hospital	Treated as out-patients	Appliances supplied
Alexandria Catholic Women's League	23	14	9	23	6	5	2	2	2	6	....	....	....	....	....	....	2	....	7
Amherstburg Rotary Club	42	....	2	2	....	1	1	....	....	....	....	40	40	30	10	....	31	9	1
Aylmer Rotary Club	34	....	....	....	....	....	....	....	....	....	....	34	34	16	18	....	....	....	....
Barrie Kiwanis Club	9	4	4	8	3	4	....	....	....	1	1	....	1	....	....	1	3	....	1
Barrie Lions Club	51	....	....	....	....	....	....	....	....	....	10	41	51	10	41	....	11	5	35
Belleville Rotary Club	46	7	4	11	1	4	....	....	2	4	12	23	35	18	4	13	32	14	3
Blenheim Rotary Club	16	....	1	1	....	....	....	....	....	1	....	15	15	7	8	....	7	....	8
Bowmanville Rotary Club	30	2	3	5	4	1	....	....	....	....	....	25	25	23	....	2	3	27	4
Brampton Lions Club	10	....	1	1	....	1	....	....	....	....	....	9	9	....	9	....	....	....	1
Brantford Rotary Club	34	13	10	23	5	7	4	....	....	7	2	9	11	....	6	5	6	22	25
Brockville Shrine	11	2	9	11	3	6	....	....	....	2	....	....	....	....	....	....	11	....	....
Burlington Lions Club	21	....	1	1	1	....	....	....	....	....	....	20	20	15	5	....	15	....	6
Carleton Place "100" Club	2	1	....	1	....	1	....	....	....	....	....	1	1	....	....	1	2	....	....
Chatham Kinsmen Club	19	10	5	15	....	8	2	....	5	....	....	4	4	2	2	....	4	....	....
Chatham Kiwanis Club	4	....	....	....	....	....	....	....	....	....	1	3	4	3	....	1	....	3	....
Chatham Rotary Club	28	6	10	16	1	14	1	....	....	....	....	12	12	4	8	....	12	13	14
Cobourg Rotary Club	16	1	5	6	1	3	1	....	....	1	1	9	10	7	3	....	12	4	1
Cornwall Kiwanis Club	1	....	....	....	....	....	....	....	....	....	....	1	1	....	1	....	....	....	1
Dundas Lions Club	66	....	....	....	....	....	....	....	....	....	....	66	66	7	57	2	2	9	28
Dunnville Lions Club	28	2	3	5	2	....	....	....	1	2	....	23	23	21	2	....	21	....	1
Essex Rotary Club	18	....	1	1	1	....	....	....	....	....	....	17	17	17	....	....	18	....	....
Fort Erie Lions Club	24	....	1	1	....	1	....	....	....	....	2	21	23	....	23	....	....	24	18
Gananoque Rotary Club	18	....	2	2	....	1	1	....	....	....	....	16	16	....	12	4	....	....	....
Georgetown Lions Club	3	1	....	1	....	....	....	1	....	....	....	2	2	....	2	....	1	....	....
Goderich Lions Club	13	8	4	12	2	1	....	1	1	7	....	1	1	....	1	....	6	6	4
Guelph Rotary Club	32	6	9	15	10	5	....	....	....	....	6	11	17	5	10	2	18	14	10
Hamilton Big Sister Association	33	25	6	31	14	13	....	....	1	3	1	1	2	....	....	2	4	8	14
Hamilton Rotary Club	39	35	4	39	24	7	....	4	4	....	....	....	....	....	....	....	4	....	31
Hawkesbury Rotary Club	16	14	2	16	8	5	....	3	....	....	....	....	....	....	....	....	....	....	....
Huntsville Rotary Club	26	....	10	10	3	2	4	....	1	....	....	16	16	7	3	6	11	3	....
Ingersoll Kiwanis Club	20	5	2	7	2	3	....	....	....	2	....	13	13	2	11	....	6	3	10
Kemptville Rotary Club	17	....	2	2	....	1	....	....	....	1	....	15	15	7	8	....	8	....	9

Kingston Kiwanis Club	2		2	2		2							7	7		7				4
Kingston Rotary Club	7																			
Kirkland Lake Kiwanis Club	74	3	4	7	2	2		1	2		6	61	67	32	35		42	77	2	
Kitchener-Waterloo Rotary Club	203	44	15	59	12	29	2		4	12	54	90	144	8	104	32	31	8	108	
Lindsay Kiwanis Club	19											19	19	11	8		11	8	8	
Lindsay Rotary Club	21	5	13	18		12				6		3	3		3		7	2	1	
Listowel Community Club	9		1	1	1							8	8	6	2		8			
London Kiwanis Club	14		3	3					3			11	11	4	7		9	3	2	
London Rotary Club	4	3	1	4	3	1												4	4	
Midland Kiwanis Club	37	10	2	12	9	1	1			1	7	18	25	10	12	3	18	7	3	
Mimico-New Toronto Rotary Club	19	1	2	3	1	1	1					16	16		16				19	
Napanee Rotary Club	58	14	17	31	3	22		3	3		9	18	27	11	13	3	34	24	8	
New Liskeard Kiwanis Club	35											35	35	32	3		32			
New Toronto Lions Club	37											37	37	36	1		37		1	
Newmarket Lions Club	32		1	1		1						31	31	16	15		1		8	
Niagara Falls Lions Club	165										22	143	165	2	163		5			
Niagara Falls Rotary Club	54	48	6	54	22	24		2	6								30	24	40	
North Bay Lions Club	139										23	116	139	2	137		2		3	
North Bay Rotary Club	44	20	24	44	22	13		4	5								2			
Oakville Rotary Club	39											39	39	31	8			39		
Ontario Society for Crippled Children	68	13	48	61	20	22	1		8	10	1	6	7	2	1	4	23	19	14	
Orillia Kiwanis Club	5		1	1	1							4	4	1	3		1	4	4	
Oshawa Rotary Club	58	26	10	36	14	10		1	1	10	16	6	22	1	12	9	13	32	43	
Ottawa Lions Club	2											2	2		2			2	2	
Ottawa Rotary Club	122	109	7	116	57	36	1	14	1	7	5	1	6		1	5	31	93	70	
Owen Sound Kinsmen Club	46	1		1	1						7	38	45	5	37	3	5			
Owen Sound Kiwanis Club	16		1	1	1						2	13	15	11	3	1	12		3	
Own Sound Rotary Club	41	7	7	14	8	5	1					27	27	12	11	4	12	26	17	
Pembroke Kiwanis Club	60		3	3		1		2				57	57	53	3	1	59	1		
Peterboro Kinsmen Club	82										7	75	82		82		2	65	67	
Petrolia Lions Club	38	3	3	6		1	1		1	3	7	25	32	7	22	3	3	2	16	
Picton Kiwanis Club	4	1	1	2	2						1	1	2	1	1					
Port Arthur-Fort William Kiwanis Club	51											51	51		45	6	6		6	
Port Colborne Lions Club	17		5	5	4		1					12	12	8	4		6		3	
Port Hope Rotary Club	7		1	1	1							6	6	6			1	6		
Preston Rotary Club	32	23	6	29	4	9		1		15	2	1	3	3			7		8	
Red Cross, Junior	63	10	16	26	8	5		8	4	1	8	29	37	2	23	12	11	13	29	
Renfrew Rotary Club	7	1	4	5	2	2		1			2		2		2		3	4	4	
Ridgetown Rotary Club	53	4	1	5		1		4				48	48	42	6		46		6	
Ridgeway Lions Club	41		1	1	1							40	40	20	19	1	41	19	19	
St. Catharines Rotary Club	40	20	8	28	19	6	2	1			7	5	12	3		9	15	11	12	
St. Mary's Rotary Club	26	2	2	4	1	3						22	22	18	4		18	8	2	
St. Thomas Kiwanis Club	60	8	20	28	5	10	1	2	2	8	2	30	32		31	1	12	38	35	
Sarnia Rotary Club	55	33	18	51	12	16	3	9	3	8	1	3	4	1	1	2	9	26	14	

CARE OF HANDICAPPED CHILDREN 1935—Continued

Names of Organizations Reporting	Total of All Cases for 1935	ORTHOPAEDIC CASES									NON-ORTHOPAEDIC CASES						Disposition of All Cases		
		Cases Examined			Causes of Disabilities						Cases Examined			Causes of Disabilities					
		Old	New	Total	Poliomyelitis (Infantile Paralysis)	Congenital (from birth)	Rickets	Tuberculosis	Accidents	Others and unclassified	Old	New	Total	Nose, throat and ears	Eyes	Others and unclassified	Admitted to Hospital	Treated as out-patients	Appliances supplied
Sault Ste. Marie Rotary Club	67	34	14	48	12	25	1	2	7	1	5	14	19	8	6	5	21	3	11
Seaforth Lions Club	54	3	17	20	8	8	2	....	2	....	1	33	34	11	22	1	23	13	21
Shrine—Mocha Temple	16	13	3	16	7	4	....	....	....	5	....	....	....	....	....	....	....	....	7
Shrine—Rameses Temple	79	37	30	67	25	11	2	6	18	5	10	2	12	8	4	....	68	56	37
Simcoe Lions Club	101	....	....	....	....	....	....	....	....	....	8	93	101	1	100	....	1	....	94
Simcoe Rotary Club	21	11	10	21	3	4	1	....	2	11	....	....	....	....	....	....	2	10	4
Smith's Falls Rotary Club	4	2	....	2	2	....	....	....	....	....	2	....	2	....	2	....	....	....	2
Stratford Rotary Club	158	26	46	72	22	23	1	1	7	18	16	70	86	50	20	16	29	1	6
Sudbury Lions Club	50	....	....	....	....	....	....	....	....	....	3	47	50	2	48	....	....	....	48
Tillsonburg Lions Club	37	....	1	1	....	....	....	1	....	....	....	36	36	1	35	....	1	....	20
Timmins Kiwanis Club	22	....	5	5	1	2	....	1	1	....	....	17	17	14	3	....	17	....	3
Toronto Civitan Club	48	8	40	48	10	10	....	5	6	17	....	....	....	....	....	....	3	45	....
Toronto Kiwanis Club	1	....	1	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1
Toronto East Lions Club	10	....	....	....	....	....	....	....	....	....	....	10	10	....	10	....	....	....	10
Toronto Optimist Club	32	....	....	....	....	....	....	....	....	....	....	32	32	....	32	....	....	....	32
Toronto Rotary Club	330	135	193	328	102	39	6	7	20	154	....	2	2	....	....	2	....	....	337
Trenton Rotary Club	12	....	3	3	....	2	....	....	1	....	....	9	9	6	3	....	7	....	5
Welland Rotary Club	42	5	20	25	1	5	....	1	1	17	5	12	17	14	3	....	4	27	2
Weston-Mount Dennis Rotary Club	45	....	....	....	....	....	....	....	....	....	....	45	45	45	....	....	12	12	6
Whitby Rotary Club	12	5	7	12	8	1	1	1	1	....	....	....	....	....	....	....	3	1	....
Winchester "100" Club	2	....	....	....	....	....	....	....	....	....	....	2	2	1	1	....	....	....	....
Windsor Lions Club	531	....	....	....	....	....	....	....	....	....	77	454	531	....	531	....	....	....	531
Windsor Rotary Club	97	73	24	97	25	45	6	2	2	17	....	....	....	....	....	....	18	89	72
Woodstock Rotary Club	55	24	25	49	11	30	4	2	1	1	3	3	6	1	....	5	30	40	24
Totals	4,582	941	803	1,744	564	538	55	93	130	364	355	2,483	2,838	760	1,911	167	1,094	1,026	2,090

OTHER SERVICES

Names of Organizations Reporting	Dental	Eyesight	Summer Camp	Extra Nourishment	Various Community Welfare Services
Aylmer Rotary Club	X				
Belleville Rotary Club					X
Brantford Kiwanis Club			X		
Brantford Lions Club		X			
Brantford Rotary Club					X
Chatham Kinsmen Club					X
Chatham Kiwanis Club				X	
Chatham Rotary Club	X				X
Cornwall Kiwanis Club			X		X
Guelph Kiwanis Club			X		X
Hamilton Big Sister Association			X		X
Hamilton Lions Club		X			X
Hamilton Rotary Club			X		X
Kirkland Lake Kiwanis Club	X			X	X
Kitchener-Waterloo Kiwanis Club			X		
Lindsay Rotary Club					X
Listowel Community Club					X
London Kiwanis Club					X
London Rotary Club					X
Midland Kiwanis Club	X				
Newmarket Lions Club	X				X
North Bay Lions Club	X	X			
Oakville Rotary Club	X				
Ont. Society for Crippled Children					X
Oshawa Kinsmen Club	X				X
Oshawa Kiwanis Club			X		X
Oshawa Rotary Club		X			X
Ottawa Gyro Club				X	
Ottawa Kinsmen Club					X
Ottawa Kiwanis Club					X
Ottawa Lions Club					X
Ottawa Rotary Club			X		X
Owen Sound Kiwanis Club					X
Owen Sound Rotary Club					X
Petrolia Lions Club		X		X	X
Port Arthur-Fort William Kiwanis					X
Port Hope Rotary Club				X	
Ridgetown Rotary Club					X
St. Catharines Rotary Club					X
St. Thomas Kiwanis Club		X			
Seaforth Lions Club				X	X
Shrine—Rameses Temple			X		
Strathroy Lions Club					X
Toronto Canadian Progress Club					X
Toronto Civitan Club			X		
Toronto East Lions Club				X	X
Toronto North Lions		X		X	X
Welland Rotary Club	X				X
Whitby Rotary Club				X	
Windsor Kinsmen Club					X
Windsor Kiwanis Club			X		X
Windsor Lions Club		X			
Windsor Rotary Club					X
Woodstock Rotary Club					X

TENTH REPORT

OF THE

LIQUOR CONTROL BOARD

OF

ONTARIO

From April 1st, 1935 to March 31st, 1936

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 20, 1937

TORONTO
Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1937

Toronto, February 23rd, 1937.

To Colonel The Honourable Herbert A. Bruce, R.A.M.C., M.D., F.R.C.S.,
Lieutenant-Governor of the Province of Ontario.

May It Please Your Honour:

The undersigned has the honour to transmit to Your Honour the Tenth Report of the Liquor Control Board of Ontario for the year ended 31st March, 1936.

Respectfully submitted,

M. F. Hepburn,
Prime Minister and President of the Counsel.

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Liquor Control Board
of Ontario

454 University Avenue, Toronto 2, Ontario.
January 18th, 1937.

To The Honourable Mitchell F. Hepburn,
Prime Minister and Provincial Treasurer of Ontario,
Parliament Buildings, Toronto 5, Ontario.

Sir,—

I have the honour to submit herewith the Tenth Report of the Liquor Control Board of Ontario for the twelve months' fiscal period which ended the 31st of March, 1936.

Financial Statement

Included therewith is the Balance Sheet in which are set forth the assets and liabilities of the Board as of March 31st, 1936, Profit and Loss Account, and Surplus Account, prepared and certified to by Messrs. Brokenshire, Scarff and Company, Chartered Accountants, who conduct a current and extensive audit of all of the Board's activities.

The Balance Sheet shows the amount of fixed assets to be $140,516.69. This item includes the value of the Board's real estate, consisting of the land and buildings situated at No. 154 Wellington Street West, Toronto, and No. 201 Victoria Avenue, Fort William, occupied as warehouses, less the depreciation on buildings which since the commencement of the Board's operations in June, 1927, until March 31st, 1936, has been provided, out of the Board's profits, to an extent of $186,309.65. Included also is the value of furniture, fixtures, equipment and alterations in the various premises occupied by the Board, less the amount written off.

Other assets totalled $2,337,707.83, being comprised of the following items:—

Cash on hand and in transit from branch banks	$ 176,031.21
Accounts Receivable—hospital charge sales, beer levies, duty recoverable items, freight claims, fines, etc.	186,052.54
Inventories of liquors and supplies	1,956,809.29
Prepaid items	18,814.79

Liabilities amounted to $984,063.04, as follows:—

Accounts Payable—for liquors and supplies, accrued charges, etc.	$ 969,386.65
Due Provincial Treasurer—(for permit sales and confiscated stock)	14,676.39

It will be observed that sales of permits during the twelve months amounted to a net figure of $327,097.34, which with the amount unpaid from the previous year of $5,253.11, totalled $332,350.45, of which $325,000.00 was remitted to the Provincial Treasurer, in accordance with the requirements of the Liquor Control Act of Ontario, Section 17 (2).

The item of $7,325.94 represents a balance due after payment of $10,000.00 to the Provincial Treasurer for forfeited liquor which was purchased by the Board after careful examination, and in accordance with the Provisions of Section 114 (2) of the Act.

Contingent liabilities amounted to $581,000.72. These items comprise the value of undelivered orders and, also, the amount of customs or excise duties which will have to be paid on the goods which were in bond on our premises on March 31st, when the same are cleared. These items are not chargeable against, nor do they affect the operations of the Board for the period under review.

The Profit and Loss Account shows sales for the twelve months from Liquor Control Board stores of $18,530,658.16.

The Account shows a gross trading profit of $6,704,318.54 and a net trading profit of $4,935,916.79. This latter sum together with other revenue which amounted to $2,926,802.94 resulted in a total profit of $7,862,719.73, which is carried to the Surplus Account.

For the purpose of comparison, the percentage that the cost of stock sold, miscellaneous earnings and expenses and other revenue bear to the sales are given for the fiscal year of 1935 and the twelve months' period herewith reported upon.

The Surplus Account shows a balance at the commencement of the period of $1,622,368.78, this being the amount of accumulated profits from previous years' operations which had not been transferred to the Provincial Treasurer. Added to this is the twelve months' profit of $7,862,719.73 and also the amount refunded to the Board from the Superannuation Fund which, with certain adjustments—the net total of which was $9,072.97—resulted in an amount of $9,494,161.48 from which was remitted to the Provincial Treasurer $8,000,000.00. The total payments to the Provincial Treasurer during the twelve months were, therefore:—

On Account of Profits	$8,000,000.00
On Account of Permits	325,000.00
On Account of Forfeited Liquor	10,000.00
	$8,335,000.00

Besides the Balance Sheet, Profit and Loss Account, and Surplus Account, statements showing summary of sales and the expenses of administration and operation for the twelve months are also attached. The total expenses for the twelve months amounted to $1,740,891.10 as against $2,119,191.51 for the preceding twelve months; a decrease of $378,300.41, or 17.8% . Again, for the purpose of comparison, the individual percentage which all these expenses bear to the total sales is given for the twelve months and also for the preceding five months' fiscal period, on the expense statement. On March 31st, 1936, the staff comprised 801 employees as against a staff of 821 one year previously.

In addition, all Liquor Board stores, brewers' warehouses, breweries, and wineries privileged to sell alcoholic beverages in Ontario, as of March 31st, 1936, are set forth on Schedule III attached; a classification of permit and license sales appears on Schedule IV, and a summary of Authorities effective on March 31st, is set forth on Schedule V.

Sales

The sales of spirits, beer and wine from liquor stores during the twelve months amounted to $18,530,658.16. Sales of beer from breweries and brewers' warehouses totalled $29,396,420.28, and the sales of native wines made direct to customers from the Licensed native wine sales offices, and, where permitted, from the winery premises, amountd to $1,407,932.97.

The following comparative sales statistics are given for the fiscal year under review and also for the preceding twelve months:—

Value

	Twelve Months ending March 31, 1935	Twelve Months ending March 31, 1936	Increase or Decrease	Percentage
Domestic Spirits	$9,593,656.77	$10,756,171.98	$1,162,515.21	Inc. 12.1
Imported Spirits	4,393,080.25	4,309,782.45	83,297.80	Dec. 1.9
Domestic Wines	2,274,680.35	1,582,489.95	692,190.40	Dec. 30.4
Imported Wines	642,977.13	586,593.33	56,383.80	Dec. 8.8
Domestic Beers	1,711,408.94	1,219,758.15	491,650.79	Dec. 28.7
Imported Beers	86,274.80	75,862.30	10,412.50	Dec. 12.1
Total Sales from Liquor Stores	$18,702,078.24	$18,530,658.16	$ 171,420.08	Dec. .9
B. & B. W. Sales (Domestic Beer)	22,630,930.73	29,396,420.28	6,765,489.55	Inc. 29.9
Wineries' Sales (Domestic Wines)	1,103,935.66	1,407,932.97	303,997.31	Inc. 27.5
Total	$42,436,944.63	$49,335,011.41	$6,898,066.78	Inc. 16.3

Gallonage

	Twelve Months ending March 31, 1935	Twelve Months ending March 31, 1936	Increase or Decrease	Percentage
Domestic Spirits	640,770	948,634	307,864	Inc. 48.0
Imported Spirits	206,078	245,550	39,472	Inc. 19.2
Domestic Wines	930,697	649,547	281,150	Dec. 30.2
Imported Wines	76,666	68,796	7,870	Dec. 10.3
Domestic Beers	987,674	751,570	236,104	Dec. 23.9
Imported Beers	22,868	19,836	3,030	Dec. 13.3
Total Sales from Liquor Stores	2,864,753	2,683,933	180,820	Dec. 6.3
B. & B. W. Sales (Domestic Beer)	15,086,910	20,874,503	5,787,593	Inc. 38.4
Wineries' Sales (Domestic Wines)	447,194	557,645	110,451	Inc. 24.7
Total	18,398,857	24,116,081	5,717,224	Inc. 31.1

Stores

The number of liquor stores in operation on March 31st, was one hundred and twenty-six; an increase of three during the the year. This increase is accounted for by the re-opening, on June 13th, 1935, of the Lancaster store which had been destroyed by fire on January 30th, 1935; the opening of three new stores, and the permanent closing, on January 18th, 1936, of Store No. 31 which was situated at No. 334 London Street, Windsor.

The three new stores were located as follows:—

No. 126—Tilbury .....Opened May 15th, 1935
No. 127—Morrisburg .....Opened May 15th, 1935
No. 128—South Porcupine .....Opened February 15th, 1936

Breweries and Brewers' Warehouses

On March 31st, 1936, there were twenty-nine Ontario; four Quebec, and one Manitoba breweries licensed to sell their products in Ontario; the Riverside Brewing Corporation Limited having ceased operations on October 19th, 1935.

The gallonage of domestic strong beer sold in Ontario during the years 1932 to 1936 inclusive, as compiled from the sales records of the Board and with respect to sales to destinations outside Ontario from the monthly reports of the Ontario brewers, was, as follows:—

	1932 (12 months) Gallons	1933 (12 months) Gallons	1934 (12 months) Gallons	1935 (5 months) Gallons	1936 (12 months) Gallons
Sales from Liquor Stores' stock	689,150	682,810	896,529	291,430	730,535
Beer orders taken at Liquor Stores for delivery by breweries and brewers' warehouses	75,669	59,638	58,162	10,564	21,035
Sales from breweries and brewers' warehouses	7,813,741	6,724,222	10,936,751	6,410,474	20,874,503
Total Ontario Sale of Domestic Beer	8,578,560	7,466,670	11,891,442	6,712,468	21,626,073
Sales to other Provinces	1,148,273	1,467,854	1,444,135	394,722	1,360,366
Export Sales	8,850	143,182	63,207	10,569	3,396
Total	1,157,123	1,611,036	1,507,342	405,291	1,363,762

During the year, one new warehouse was opened at Schumacher, Ontario—February 14th, 1936—and nine were transferred to new locations. The number in operation at the year end totalled one hundred and three.

When the Provincial fiscal year-end was changed to March 31st, 1935, the existing brewers' and brewers' warehouse licenses which had been issued on November 1st, 1934, were continued in effect until October 31st, 1935, and then extended for the following five months to March 31st, 1936, upon payment of five-twelfths of the annual fee.

Wineries

The Amendment to the Board's Native Wine Regulations, whereby the Board was empowered to permit the holder of a Native Wine License to purchase any other Native Wine License, and that in the event of such License so purchased being surrendered to the Board, the privilege of establishing a branch retail shop in a location suitable to the Board could be sanctioned, as referred to in the Board's Ninth Report, has proven satisfactory. With the reduction in the number of Licenses production is being centralized in larger and better equipped premises, under the guidance of more experienced winemakers.

The Provincial Department of Health, in co-operation with the Board, continued its work of periodically analyzing the various brands of Native Wines which are offered for sale in Ontario so as to ensure that such wines conform to satisfactory wine standards. A total of six hundred and twenty analyses were carried out.

As usual, the Department, when requested, provided wineries with yeast cultures; fifty-five being sent to twenty wineries.

At the close of the year there were forty Winery Licenses operative; direct sale to customers being made from the premises of thirteen wineries and from thirty-six branch retail sales shops.

From April 1st, 1935, to the fiscal year end, the following Native Wine Licenses were purchased and surrendered:—

Date	License	Purchased and Surrendered by	Retail Sales Shop Authorized at
April 1st, 1935	Robinet Freres, Oldcastle	T. G. Bright & Co., Limited	78 Sparks Street, Ottawa
April 18th, 1935	Lakeshore Wine Co., Limited, New Toronto.	Danforth Wine Company, Limited	New Toronto
September 16th, 1935	Thorold Winery Company, Limited, Thorold.	Stamford Park Wine Company, Limited	St. Thomas
December 12th, 1935	Parkdale Wines, Limited, Toronto	Concord Wine Company, Limited	1165 St. Clair Avenue, West, Toronto
December 20th, 1935	Meconi Wines of Canada, Limited, Windsor	Concord Wine Company, Limited	Kirkland Lake

During November, 1935, the Canadian Wineries, Limited, purchased the assets of Stamford Park Wine Company, Limited, which included those of the Thorold Winery Company, Limited, whereupon, the Native Wine License was re-issued in the name of Canadian Wineries, Limited, under date of December 18th, 1935.

The Board, during the year, sanctioned the following transfers of sales offices:—

License	From	To	Date Opened
Thorold Winery Co., Ltd.	Thorold	378 Talbot Street, St. Thomas	April, 12th, 1935
Hillrust Wine Company, Ltd.	Rural Route No. 4, Grantham Township	224 Charlotte Street, Peterborough	April 18th, 1935
T. G. Bright & Co., Ltd.	223 Wyandotte Street, Windsor	78 Sparks Street, Ottawa	May 18th, 1935
Beaverdam Cataract Winery, Limited	1841 Ferry Street, Niagara Falls	43 Market Square, Stratford	June 1st, 1935
Barnes Wines, Limited	Grantham Township, St. Catharines	701 Yonge Street, Toronto	June 4th, 1935
C. Rossoni	1216-1218 Tecumseh Road, Windsor	266 King Street West, Chatham	June 6th, 1935
Kitchener Winery, (B. Heuhnergard, Proprietor)	36 Ontario Street, North, Kitchener	60 Queen Street South, Kitchener	June 15th, 1935
Windsor Company, Limited	Walker Road and Edna Street, Walkerville	488 Ouellette Avenue, Windsor	September 9th, 1935
Robinson Wine Corporation, Limited	174 Catharine Street North, Hamilton	24 King Street West, Hamilton	October 19th, 1935
Dominion Wine Growers Ltd.	Dundas Street, Oakville	940 St. Clair Avenue West, Toronto	December 13th, 1935
Concord Wine Company, Ltd.	45 Wyandotte Street East, Windsor	73 Government Road, Kirkland Lake	December 20th, 1935
Sunnybank Winery, (F. L. Furminger, Proprietor)	Grantham Township	189 Front Street, Belleville	January 15th, 1936
Lincoln Wines, Limited	Grantham Township	299 St. Paul Street, St. Catharines	February 29th, 1936

From the monthly reports submitted to the Board by the respective wineries, the following statistics of gallonage of Native Wine sold have been compiled:—

	1932 (12 months) Gallons	1933 (12 months) Gallons	1934 (12 months) Gallons	1935 (5 months) Gallons	1936 (12 months) Gallons
Sale at Wineries	568,109	442,754	390,106	219,645	557,645
Sales to the Board	1,192,267	1,065,340	942,064	404,102	637,521
Total Ontario Sales	1,760,376	1,508,094	1,332,170	623,747	1,195,166
Sales to other Provinces	982,957	931,428	1,443,320	546,738	1,159,010
Export Sales	562	792	35,041	3,807	2,483
	2,743,895	2,440,314	2,810,531	1,174,292	2,356,659

During the year, the tonnage of grapes used by the wineries in the manufacture of wine, concentrates, grape juice, and brandy, was 6,765 tons for wine, 1,191 tons for concentrates, 341 tons for grape juice, and 136 tons for brandy.

Forty-seven tons of cherries were also used in the production of wine.

Existing Native Wine Licenses which in the ordinary course of events would have expired on October 31st, 1935, were extended until March 31st, 1936, the new fiscal year-end, upon payment to the Board of five-twelfths of their annual fee.

Authorities for the Sale of Beer and Wine

On March 31st, 1936, there were 1,143 effective Hotel Authorities. Due to the change of expiration date of the fiscal year to March 31st, Authorities which had been issued during the twelve months ending October 31st, 1935, were extended until March 31st, 1936, upon payment of a monthly fee based on their purchases, of six cents per gallon of beer and five per cent. of the value of wine. The one Railway Company Authority which had been issued during the year was treated in a similar manner. The minimum fee for Hotel Authorities issued subsequent to October 31st, 1935, and valid for the period ending March 31st, 1936, was $125.00, whereas, the full annual minimum fee is $300.00 for either an Hotel Authority or a Railway Company Authority.

Authorities were issued to thirty-seven Summer Hotels, the minimum fee being $150.00 each, and the Authority being valid for six months. At the end of the Summer season, two of these Summer Hotel Authorities were extended to an annual basis, upon application and payment of the required fee.

One hundred and nine Social Club Authorities were in existence at the close of the year, of which the holders of one hundred and eight paid the extension fee of $41.65. The yearly fee in each case was $100.00. The additional Social Club Authority was issued on February 12th, 1936.

Of the eighty-five Soldier and Labour Club Authority-Holders, all paid the extension fee of $20.85, this amount being additional to the full annual fee of $50.00.

Seventy-six Military Mess Authorities were active on March 31st, 1936, the holders of seventy-five having paid the short term fee of $4.25, for the five months ending March 31st, 1936. The full annual fee for such Authorities was $10.00. One new Military Mess Authority was issued on February 3rd.

Twelve Steamship Authorities were issued during the period at a fee of $50.00 per steamboat.

The number of Authorities which were effective on March 31st, 1936, is set forth on Schedule V, which accompanies this Report.

Payments to Municipalities

The Order-in-Council passed pursuant to the Amendment to the Liquor Control Act of Ontario which was enacted during the 1935 Session of the Legislative Assembly, provided for payment to organized Municipalities of an amount equal to twenty per cent. of all fees paid to the Board by Hotel Authority-Holders in such Municipalities from November 1st, 1934.

As a result, the Board remitted to the various Municipalities on December 31st, 1935, for the twelve months ending October 31st, 1935, amounts totalling $153,385.20. For the five months' period, which ended March 31st, 1936, amounts totalling $52,158.51 were paid during May of 1936.

Hotels

As a result of the change of expiration date in the Provincial Government's fiscal year from October 31st, to March 31st, the Standard Hotel Licenses and

Light Beer Permits which had been issued during the five months preceding March 31st, 1935, were continued in effect until October 31st, 1935, at which date they were extended without charge to March 31st, 1936.

As of March 31st, 1936, 1,515 Standard Hotel Licenses were effective, of which 1,143 possessed an Authority to sell beer and wine; thirty-five were temporarily inoperative Summer Hotels; seventy-four were holders of Light Beer Permits, while the others held only the Standard Hotel License. No change was made in the Standard Hotel License fee of $1.00, nor in the joint Standard Hotel and Light Beer Permits fee of $10.00.

The same intensive inspection service has continued in operation with respect to all authorized premises, and further progress has been made towards the improvement of hotel accommodation throughout the Province.

Permits

Upon the expiration date of the Provincial fiscal year being changed to Marach 31st, all Individual and Special Liquor Permits which had been issued during the five months commencing November 1st, 1934, continued to be valid October 31st, 1935, at which time their validity was extended to March 31st, 1936, upon the payment of seventy-five cents.

In the Board's last Report, which covered a fiscal period of five months only, from November 1st, 1934, to March 31st, 1935, the number of Annual Liquor Permits reported as having been issued was 60,867 Resident and 39 Non-Resident, a total of 60,906, with sales of 664,394 Single Purchase Permits.

The number of Individual Annual Liquor Permits issued during the period April 1st, 1935, to October 31st, 1935, was 4,489, and the number which were extended for the final five months—November 1st, 1935, to March 31st, 1936,—totalled 70,215. Sales of Single Purchase Permits for the twelve months' period amounted to 1,847,443. Sales of Individual Permits to Non-Residents which were valid for a period not exceeding one month, totalled 140.

Permit cancellations during the year totalled 1,595. Of these, 497 followed convictions for driving motor vehicles while intoxicated. Revocations of permit cancellations numbered 75. Two hundred and eighty Prohibitory Orders were issued with respect to Individuals whom, from information secured, the Board considered should be prevented from purchasing alcoholic beverages. Additional to the above, thirty-one Special Prohibitory Orders were issued pursuant to Interdictory Orders having been received from Judges.

General

The Board wishes to record its appreciation of the co-operation received from the Ontario Provincial Police, as well as Municipal Police throughout the Province in the enforcement of the Act, all of which has been conducive of satisfactory results.

In conclusion, the Board again wishes to express its thanks to its staff for their loyal and efficient co-operation during the year.

I have the honour to be, Sir,

Your obedient servant,

E. G. ODETTE,

Chief Commissioner.

BALANCE SHEET

March 31st, 1936

ASSETS

Land, Buildings, Furniture, Equipment, Fixtures and Alterations to rented premises, less amounts written off			$ 140,516 69
Cash on hand, in transit, and in banks	$ 176,031 21		
Accounts receivable	186,052 54		
Inventories of liquor and supplies in warehouses and stores	1,956,809 29		
		$2,318,893 04	
Prepaid charges		18,814 79	
		$2,478,224 52	

LIABILITIES

Accounts payable, accrued charges, deferred revenue, etc.			$ 969,386 65
Provincial Treasurer:			
Permit Sales—Balance from March 31st, 1935	$ 5,253 11		
Permit Sales—April 1st, 1935 to March 31st, 1935 (Net)	327,097 34		
	$ 332,350 45		
Less: Paid to Provincial Treasurer	325,000 00		
		$ 7,350 45	
Confiscated Liquor Stocks	$ 17,325 94		
Less: Paid to Provincial Treasurer	10,000 00		
		$ 7,325 94	
			$ 14,676 39
Surplus:			
Balance carried from Surplus Account		$9,494,161 48	
Less: Paid to Provincial Treasurer		8,000,000 00	
Balance March 31st, 1936			$1,494,161 48
			$2,478,224 52

Contingent Liabilities:		
Liquor ordered but not delivered	$ 237,012 45	
Duty on Stocks in Bond	320,424 34	
Consignment Stock	23,563 93	

AUDITORS' CERTIFICATE

We report that we have audited the books and accounts of the Liquor Control Board of Ontario for the year ended March 31st, 1936, and, in our opinion, the above Balance Sheet exhibits a true and correct view of the position of its affairs on that date.

BROKENSHIRE, SCARFF & COMPANY,
Chartered Accountants.

Toronto, June 4th, 1936.

PROFIT AND LOSS ACCOUNT

For the Year Ended March 31st, 1936.

				Percentage to Sales 1935-6 (12 months)	Percentage to Sales 1934-5 (5 months)
Sales by Vendors—Schedule I		$18,530,658 16		100.00%	100.00%
Stock on hand, April 1, 1935..	$ 2,048,294 40				
Purchases	11,726,556 95				
	$13,774,851 35				
Less: Stock on hand March 31, 1936	1,932,709.21				
Cost of Sales by Vendors		11,842,142 14		63.90%	69.08%
			$6,688,516 02	36.10%	30.92%
Miscellaneous earnings			15,802 52	.08%	.09%
			$6,704,318 54	36.18%	31.01%
Expenses:					
Administering and Operating Head Office, Warehouses and Stores, Schedule II		$ 1,740,891 10			
Items written off		4,021 19			
Depreciation on Buildings, Furniture, Equipment, Fixtures and Alterations to rented premises written off and reserved for..	34,730 70				
Less: Included with Administration and Operating expenses (Maintenance)	11,241 24	23,489 46			
			1,768,401 75	9.54%	10.26%
			$ 4,935,916 79	26.64%	20.75%
Other Revenues:					
Brewery Warehouse License Fees		$ 163,651 82			
Brewery License Fees		112,541 66			
Malt Levies Income		1,494,934 86			
Gallonage Tax Income		339,657 05			
Authority Holders Fees		695,257 06			
Light Beer Licenses, etc.		24,508 65			
Fines (Net)		28,389 18			
Winery Tax Income		67,862 66			
			$ 2,926,802 94	15.79%	11.26%
Carried to Surplus Account			$ 7,862,719 73	42.43%	32.01%

SURPLUS ACCOUNT

March 31st, 1936.

Balance April 1st, 1935			$1,622,368 78
Superannuation Fund Contributions Refunded			18,490 25
Brewery Fees recovered			500 00
Authority Fees shared by Municipalities			2,475 26
Malt Tax Rebate	$ 11,557 62		
Authority Fees Refunded	418 25		
Native Wine License Refunded	416 67		
Profit for year ended March 31st, 1936			$7,862,719 73
Balance carried to Balance Sheet		$9,494,161 48	
		$9,506,554 02	$9,506,554,02

SCHEDULE I

SUMMARY OF SALES

For Year Ended March 31st, 1936.

Store counter and mail order sales of wines, spirits and beer	$18,498,401 81
Beer orders taken at stores for delivery by breweries and brewery warehouses	32,256 35
	$18,530,658 16

SCHEDULE II.

ADMINISTRATION AND OPERATING EXPENSES HEAD OFFICE, WAREHOUSES AND STORES

For the Year Ended March 31st, 1936.
and
Number of Employees on the Staff at March 31st, 1936.

	Head Office Administration and Supervision of Breweries, Wineries, etc.	Liquor Warehouses	Liquor Stores	Total	Percentage to Total Sales	
					1935-1936 (Twelve Months)	1934-1935 (Five Months)
	$ c.	$ c.	$ c.	$ c.		
Salaries	254,261.70	76,775.89	761,044.04	1,092,081.63	5.89	6.69
Legal and Audit Fees	11,593.34	.....	.....	11,593.34	.06	.06
Rentals paid, less received	21,600.00	13,849.08	176,294.96	211,744.04	1.14	1.11
Superannuation	11,380.30	3,609.00	16,482.41	31,471.71	.17	.16
Travelling	48,469.43	30.00	116.10	48,615.53	.26	.21
Insurance	1,675.23	1,521.04	10,106.30	13,302.57	.07	.08
Postage	7,143.80	104.89	4,998.01	12,246.70	.07	.07
Telephone and Telegraph	3,869.76	433.46	7,285.25	11,588.47	.06	.07
Stationery	28,732.76	836.99	13,451.16	43,020.91	.23	.20
Protection Service	.....	283.00	4,882.27	5,165.27	.03	.03
Breakage	.....	711.60	1,630.85	2,342.45	.01	.02
Light, Heat and Power	3,406.92	3,587.36	24,229.17	31,223.45	.17	.17
Repairs and Maintenance	10,324.37	7,238.78	14,680.45	32,243.60	.18	.12
Sundries	3,203.00	2,678.56	7,347.68	13,229.24	.07	.07
Freight and Cartage	7.45	83.48	113,617.58	113,708.51	.61	.68
Terminal Warehouse Charges	.....	24,995.22	.....	24,995.22	.14	.14
Discounts to Hospitals, etc.	.....	.....	2,615.83	2,615.83	.02	.02
Truck Maintenance	800.41	1,401.33	17,117.21	19,318.95	.10	.09
Packing Materials	.....	568.83	19,814.85	20,383.68	.11	.11
	406,468.47	138,708.51	1,195,714.12	1,740,891.10	.....	.....
Percent. of Total Expenses	23.35	7.97	68.68	100.00	.....	.....
Percent. of Total Sales:						
1935-1936	2.19	.75	6.45	.....	9.39	.....
1934-1935	2.03	.71	7.36	.....	.....	10.10

NUMBER OF EMPLOYEES ON STAFF

(Including 11 temporary employees whose services are either part time or seasonal.)

Commissioner's Staff		3
Director of Hotels and Personnel		31
Comptroller's Staff		11
Legal Department		2
Accounting Department		64
Beer and Wine Department		24
Permit Department		17
Purchasing and Supply Department		9
Traffic Department		4
Customs Department		3
Stock Supervision Department		14
Brewery Inspection Department		34
Winery Inspection Department		2
Store Inspection Department		12
Supervision of Stores and Properties		5
Head Office Maintenance Staff		4
Garage		7
Stores	490	
Warehouses	65	
		555
Total		801

SCHEDULE III

LIQUOR STORES, LICENSED BREWERS' WAREHOUSES, BREWERIES AND WINERIES IN ONTARIO AT 31st MARCH, 1936.

Liquor Stores

Store No.		
1	Lombard and Church Streets	Toronto
2	122 Wellington Street West	Toronto
3	1271 Dundas Street West	Toronto
4	170 Danforth Avenue	Toronto
5	1881 Queen Street East	Toronto
6	1271 Queen Street West	Toronto
7	2223 Dundas Street West	Toronto
8	928 St. Clair Avenue West	Toronto
9	959 Bloor Street West	Toronto
10	543 Yonge Street	Toronto
11	949 Gerrard Street East	Toronto
12	402 Parliament Street	Toronto
13	1448 Danforth Avenue	Toronto
14	454 Spadina Avenue	Toronto
15	292 Dupont Street	Toronto
16	106 Richmond Street West	Toronto
18	Midland Avenue and Kingston Road	Scarboro Bluffs
19	Rogers Road and Blackthorn Avenue	Toronto
20	802 Lake Shore Road	New Toronto
21	29 Charles Street	Hamilton
22	673 King Street East	Hamilton
23	1057 Barton Street East	Hamilton
24	88 Frazer Street	Port Colborne
25	81 King Street West	Dundas
26	419 Talbot Street	London
27	629 Dundas Street	London
28	12 Canal Street	Dunnville
29	Berford Street	Wiarton
30	82 Durham Street	Walkerton
32	94 Wyandotte Street East	Windsor
33	93 Drouillard Road	Windsor
34	82 Victoria Road	Windsor
35	29 Sandwich Street West	Windsor
36	272 Queen Street	Ottawa
37	685 Bank Street	Ottawa
38	188 Rideau Street	Ottawa
39	36 King Street East	Cobourg
40	Market Square	Kingston
41	209 Victoria Avenue	Fort William
42	101 King Street West	Brockville
43	137 King Street East	Kitchener
44	69 Dalhousie Street	Brantford
45	408 George Street	Peterborough
46	Christina and Cromwell Streets	Sarnia
47	23 Ontario Street	St. Catharines
48	937 Victoria Avenue	Niagara Falls
49	66 Pitt Street	Cornwall
50	Cedar and Elgin Streets	Sudbury
51	72 Carden Street	Guelph
52	269 Main Street East	Welland
53	66 Cumberland Street South	Port Arthur
54	88 Main Street East	North Bay
55	185 Alexandria Street	Pembroke
56	Water Street	Prescott
57	52 Bridge Street North	Belleville
58	4 Balsam Street North	Timmins
59	72 Collier Street	Barrie
60	88 Ontario Street	Stratford
61	210 King Street West	Chatham
62	314 Talbot Street	St Thomas
63	343 Queen Street East	Sault Ste. Marie
64	516 Dundas Street	Woodstock
65	Front Street	Trenton

LIQUOR STORES—Continued

Store No.		
66	6th Avenue North	Cochrane
67	Main and Ferguson Streets	Haileybury
68	214 Main Street South	Kenora
69	Church and Mowat Streets	Fort Frances
70	22 Beckwith Street	Smith Falls
71	King and Main Streets	Gananoque
72	34 Gore Street	Perth
73	610 King Street	Preston
74	61 Robinson Street	Simcoe
75	226 Devonshire Avenue	Iroquois Falls
76	Prospect and Silver Streets	Cobalt
77	121 Main Street	Penetang
78	Wellington Street	New Liskeard
79	79 Walton Street	Port Hope
80	Parry Sound Road	Parry Sound
81	Main and Queen Streets	Sturgeon Falls
82	79 Kent Street	Lindsay
83	31 Main Street West	Hawkesbury
84	Main Street	Picton
85	Daniel and Elgin Streets	Arnprior
86	Queen and White Streets	Dryden
87	Front Street	Sioux Lookout
88	4 River Street East	Paris
89	Main and Mattawa—Pembroke Highway	Mattawa
90	68 Simcoe Street North	Oshawa
91	29 Duncan Avenue	Kirkland Lake
92	71 Fourth Avenue	Englehart
93	Gilmour Road	Fort Erie
94	Bridge Street North	Eganville
95	21 Water Street North	Galt
96	112 Main Street	Deseronto
97	Dundas Street	Napanee
98	22 Main Street	Alexandria
99	Emard Street	Embrun
100	25 Albert Street	Thorold
101	48 Main Street West	Grimsby
102	Muskoka Street	Gravenhurst
103	Tudhope Street	Espanola
104	Main Street East	Thessalon
105	Concession Street	Tamworth
106	Main Street	Huntsville
107	Main Street	Palmerston
108	Woodward Avenue	Blind River
109	Murray and Bathurst Streets	Amherstburg
110	46 Wallace Street	Wallaceburg
111	Bedford Street	Westport
112	37 Government Road	Kapuskasing
113	Opongo Street	Barry's Bay
114	Corner Fourth Street and Broadway	Rainy River
115	43 King Street North	Waterloo
116	26 Arthur Street South	Elmira
117	17 Birch Street	Chapleau
118	114 Yonge Street	Capreol
119	9 Main Street	Merrickville
120	West Dock	Pelee Island
121	1008 Wellington Street West	Ottawa
122	George Street	Hearst
123	Main Street	Lancaster
124	Corner Picton and King Streets	Niagara-on-the-Lake
125	99 Laurier Street	Rockland
126	Queen Street	Tilbury
127	Main Street	Morrisburg
128	Bruce Avenue	South Porcupine

Brewers' Warehouses

Warehouse No.		
1W	351 Front Street East	Toronto
2W	74 King Street East	Toronto
3W	581 Queen Street West	Toronto
4W	398 College Street	Toronto
5W	699 Bloor Street West	Toronto
6W	1267 Queen Street West	Toronto
7W	2160 Dundas Street West	Toronto
8W	1083 St. Clair Avenue West	Toronto
9W	440 Danforth Avenue	Toronto
10W	1852 Danforth Avenue	Toronto
11W	145 John Street North	Hamilton
12W	1080 Barton Street East	Hamilton
13W	84 Carling Street	London
14W	665 Dundas Street	London
15W	413 Hamilton Road	London
16W	1153 McDougall Street	Windsor
17W	1618 Ottawa Street East	Windsor
18W	817 Wyandotte Street West	Windsor
19W	268 Queen Street	Ottawa
20W	Broad and Wellington Streets	Ottawa
21W	208 Wellington Street	Kingston
22W	670 Bridge Street	Niagara Falls
23W	78 Niagara Street	St. Catharines
24W	11 College Street	Kitchener
25W	217 Talbot Street	St. Thomas
26W	271 Ambrose Street	Port Arthur
27W	269 Water Street	Peterborough
28W	131 Wellington Street	Brantford
29W	113 Quebec Street East	Guelph
30W	East Market Street	Brockville
31W	6 Dover Street	Chatham
32W	221 Sherman Avenue North	Hamilton
33W	155 Front Street	Belleville
34W	68-72 Pitt Street	Cornwall
35W	University and Spring Streets	Cobourg
36W	177 Main Street	Prescott
37W	22 Lorne Street	Sudbury
38W	143 Victoria Avenue	Sarnia
39W	107 Oak Street West	North Bay
40W	2 King Street East	Lindsay
41W	Railway Street	Cochrane
42W	605 Bay Street	Sault Ste. Marie
43W	Beckworth Street	Smiths Falls
44W	Front Street	Trenton
45W	15 Riverbank St.	Welland
46W	492 Peel Street	Woodstock
47W	32 Erie Street	Stratford
48W	Killally Street	Port Colborne
49W	1 Second Street	Timmins
50W	17 Norfolk Street	Simcoe
51W	269 Mill Street	Port Hope
52W	19 Main Street	Penetang
53W	193 Victoria Street	Pembroke
54W	553 King Street	Preston
55W	27 Cockburn Street	Perth
56W	Railway Street	Kenora
57W	620 Mowat Street	Fort Frances
58W	187 King Street	Gananopue
59W	5 Gilmour Street	Fort Erie
60W	16 Bayfield	Barrie
61W	180 Drouillard Road	Windsor
62W	Main Street	Huntsville
63W	82 Amwell Street	Haileybury
65W	Elgin and Harriett Streets	Arnprior
66W	156 Lake Shore Road	Mimico
67W	Ross Street	Picton
68W	Murray and Dalhousie Streets	Amherstburg
69W	North Cayuga Street	Dunnville
70W	Main Street	Belle River

Brewers' Warehouses—Continued

Warehouse No.		
71W	Main Street	Glencoe
72W	Champagne Street	Parry Sound
73W	Main Street	Ridgetown
74W	Queen Street South	Tilbury
75W	First Avenue	Schumacher
76W	897 Queen Street East	Toronto
77W	59 King West	Dundas
78W	499 James Street North	Hamilton
79W	426 Bank Street	Ottawa
80W	269 Dalhousie Street	Ottawa
81W	161 King Street West	Oshawa
82W	24 St. Paul Street	St. Catharines
83W	9 Market Street	Thorold
84W	4 Dunn Street	Oakville
85W	Front Street	Sioux Lookout
86W	Berford Street	Wiarton
87W	35 Prospect	Kirkland Lake
88W	Durham Street	Walkerton
89W	39 Dickson Street	Galt
90W	Muskoka Road and Main Street	Gravenhurst
91W	Mill Street	Napanee
92W	124 Wyandotte Street East	Windsor
93W	Nelson Street	Wallaceburg
94W	1395 Gerrard Street East	Toronto
95W	Goderich Street	Port Elgin
96W	Marlborough Street South	East Cornwall
97W	1 Main Street	Morrisburg
98W	2422 Dufferin Street	York Township
99W	1133 Yonge Street	Toronto
100W	Norman Street	Palmerston
102W	3333 Danforth Avenue	Scarboro
103W	Government Road	Kapuskasing
104W	Nation Street	Casselman
105W	141 Hardesty Avenue	Fort William

Breweries

Bixel Brewing & Malting Company, Ltd.	Brantford
Brading Breweries, Limited	Ottawa
British American Brewing Company, Ltd	Windsor
Canada Bud Breweries, Limited	Toronto
Capital Brewing Company, Limited	Ottawa
Carling Breweries, Limited	London
Copland Brewing Company, Limited	Toronto
Cosgrave Export Brewery Company, Limited	Toronto
City Club Breweries, Limited	Toronto
Dominion Brewery Company, Limited	Toronto
Formosa Springs Brewery, Limited	Formosa
Fort Frances Brewing Company, Limited	Fort Frances
Gold Belt Brewery, Limited	Timmins
Hofer Brewing Company, Limited	La Salle
Huether Brewing Company, Limited	Kitchener
Jockey Club Brewing Corporation, Ltd	Guelph
Kakabeka Falls Brewing Company, Ltd.	Fort William
Kuntz Brewery, Limited	Waterloo
John Labatt, Limited	London
Lake of the Woods Brewing Company, Limited	Kenora
O'Keefe Beverages, Limited	Toronto
Perth Brewery	Stratford
Port Arthur Beverage Company, Limited	Port Arthur
Regal Brewing Company	Hamilton
Reinhardt Brewing Company, Limited	Toronto
Soo Falls Brewing Company, Limited	Sault Ste. Marie
Sudbury Brewing & Malting Company, Limited	Sudbury
Taylor & Bates Limited	St. Catharines
Walkerville Brewery, Limited	Walkerville

Licensed Brewing Companies Located Outside the Province of Ontario, the Products of Which are Sold Through Ontario Brewers' Warehouses

Molson's Brewery, Limited ..... Montreal, Que.
Frontenac Breweries, Limited ..... Montreal, Que.
National Breweries, Limited ..... Montreal, Que.
(Wm. Dow & Co.—Montreal)
(Dawes Breweries—Montreal)
Drewry's Limited ..... Winnipeg, Man.

Wineries	Sales Offices
Acme Wine Co. Ltd., 889 Queen St. W., Toronto	708 Danforth Ave., Toronto
Adelaide Winery Ltd., 195-199 Ann St., London	623 Dundas St., London
Ascot Wine Co. Ltd., Riverside, Ont.	1121 Yonge St., Toronto
Badalato, S., R.R. No. 9, Dundas Highway, London	356 Richmond St., London
Barnes Wines Ltd., Grantham Typ., St. Catharines	701 Yonge St., Toronto
Beaverdam Cataract Winery Ltd., Beaverdam Rd., Niagara Falls	43 Market Square, Stratford
Bordeaux Wines Ltd., 187 Parliament St., Toronto	689 Queen St. E., Toronto
Bright, T. G. & Co. Ltd., Stamford Township, Niagara Falls	223½ Yonge St., Toronto 78 Sparks St., Ottawa
Canada Wine Products Ltd., 1328 Bloor St. W., Toronto	1328 Bloor St. W., Toronto
Canadian Wineries Ltd., Stamford Township, Niagara Falls	878 Yonge St., Toronto 378 Talbot St., St. Thomas
Concord Wine Co. Ltd., 181-185 Bathurst St., Toronto	181 Bathurst St., Toronto 1165 St. Clair W., Toronto 73 Government Road, Kirkland Lake
Cooksville Wine Vaults, Dundas Highway, Cooksville (Alex. Thomas, Prop.)	Dundas Highway, Cooksville
Danforth Wine Co. Ltd., Lakeshore Rd. and 19th St., New Toronto	Lakeshore Rd. & 19th St., New Toronto 26 Queen St. E., Toronto 1854 Danforth Ave., Toronto
Dominion Wine Growers Ltd., Dundas St. Oakville	940 St. Clair W., Toronto
Fort William Wine Co. Ltd., 112 McVicar St. Fort William	112 McVicar St., Ft. William
French-Italian Winery, 31 John St., Hamilton, (F. C. Clark and M. J. O'Reilly, Proprietors)	31 John St., Hamilton
Grimsby Wines Ltd., Niagara Highway, Grimsby	427 Spadina Ave., Toronto
Hamilton, J. S. & Co. Ltd., 44-46 Dalhousie St., Brantford	44-46 Dalhousie St., Brantford
Hamilton-Niagara Wines Ltd., Burlington	15 King William St., Hamilton
Hamilton Winery, 164 York St., Hamilton, (Nicholas Rizzo, Prop.)	164 York St., Hamilton
Hillrust Wine Co. Ltd., R.R. No. 4, St. Catharines	224 Charlotte, Peterboro
Jordan Wine Co. Ltd., Main St., Jordan. Business Office and Plant No. 2, St. Catharines	169 Sparks St., Ottawa
Kitchener Winery, Preston Highway, R.R. 3, Kitchener, (Bruno Huehnergard, Prop.)	60 Queen St. S., Kitchener
Lincoln Wines Ltd., Highway No. 8, Grantham Twshp., St. Catharines	299 St. Paul St., St. Catharines
London Winery Ltd., Lambeth Highway, Westminster Twshp., London	40 Ridout St., London 268 Princess St., Kingston 52 Rideau St., Ottawa
Marsh, Fred Winery Ltd., 749 Park St., Niagara Falls	73 Bank St., Ottawa Capitol Theatre Bldg., Second St., Cornwall
National Wine Co. Ltd., 27-31 Brock Ave., Toronto	27 Brock Ave., Toronto
Old Battlefield Wine Co., Saltfleet Township, Stoney Creek, (A. Samborski, Prop.)	744 Barton St. E., Hamilton
Old Fort Wine Co. Ltd., Garrison Rd., Fort Erie	537 Bloor St. W., Toronto
Peerless Wine Mfg. Ltd., 448 Queen St. E., Toronto	448 Queen St. E., Toronto
Robinson Wine Corp. Ltd., 174 Catharine St. N., Hamilton	24 King St. W., Hamilton
Rossoni's Winery, 1216-1218 Tecumseh Rd., Windsor, (Carlo Rossoni, Prop.)	266 King St. W., Chatham

WINERIES—Continued

Royal City Winery, 32 Wilson St., Guelph (John Tantardini, Prop.)	32 Wilson St., Guelph
Sunnybank Winery, R.R. No. 2, Grantham Township (F. L. Furminger, Prop.)	189 Front St., Belleville
St. Catharines Wine Co. of Canada Limited, Woodburn Ave., St. Catharines	25 Fourth Ave., Timmins
Toronto Wineries Ltd., 1682 Queen St. W., Toronto	1682 Queen St. W., Toronto
Turner Wine Company, 104-106 Front E., Toronto, (Mrs. H. Padden Robinson, Prop.)	198 Queen St. W., Toronto
Twin City Wine Co., 514 McTavish Street, Fort William (Pietro Belluz, Prop.)	287 Bay Street, Port Arthur
Welland Winery, 268 King St., Welland (Louis Banko, Prop.)	268 King St., Welland
Windsor Co. Limited, Walker Rd. and Edna Sts., Walkerville	488 Ouelette St., Windsor

SCHEDULE IV

STATEMENT SHOWING THE NUMBER OF PERMITS AND LICENSES WHICH WERE VALID DURING THE TWELVE MONTHS' PERIOD ENDING MARCH 31st, 1936

PERMITS

	Number Valid During Period, April 1st to October 31st, 1935	Number Valid During Period, November 1st to March 31st, 1936
CLASS		
Resident	65,356	70,215
Duplicate	1,669	390
Physician	117	85
Druggist	1,527	1,425
Dentists and Veterinary Surgeons	57	36
Manufacturers	181	157
Mechanical and Scientific	90	68
Hospital	255	197
Special Duplicate	8	—
Temporary	123	17
Single Purchase	1,007,297	840,146
LICENSES		
Brewers'	35	34
Brewers' Warehouses	1,644	1,620
Native Wine	49	40
Sacramental Wine Vendorships	6	6
Non-Potable Alcohol	3	3
Picnic	2	—
LIGHT BEER PERMITS		
Brewers' Light Beer Permits	12	9
Brewers Light Beer Warehouse Permits	3	1
Restaurant Light Beer Permits	92	56
Shop Light Beer Permits	27	20

SCHEDULE V

CLASS AND NUMBER OF PREMISES AUTHORIZED TO SELL BEER AND OR WINE ON MARCH 31st, 1936

Standard Hotels	1,143
Clubs, Veteran and Labour	85
Clubs, Social	109
Military Messes	76
Railways	1

Ontario Department of Agriculture

REPORT

OF THE

Minister of Agriculture

Province of Ontario

FOR THE YEAR ENDING MARCH 31st, 1936

Printed by Order of
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 21, 1937

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Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1936

DEPARTMENT OF AGRICULTURE

PROVINCE OF ONTARIO

To The Honorable Herbert Alexander Bruce,

Colonel in the Royal Army Medical Corps, F.R.C.S. (England)

Lieutenant-Governor of Ontario.

May It Please Your Honor:

I have the honour to submit the Report of the Department of Agriculture for the year 1935-1936.

I have the honour to be, Sir,

Your obedient servant,

DUNCAN MARSHALL,

Minister of Agriculture.

Toronto, March 31st, 1936.

PRINCIPAL OFFICERS OF THE DEPARTMENT OF AGRICULTURE

THE HONOURABLE DUNCAN MARSHALL, Minister

JAMES B. FAIRBAIRN, Deputy Minister

MISS M. VIRTUE, Secretary to the Minister

MISS M. S. MARTIN, Accountant

G. I. CHRISTIE, B.S.A., D.Sc.	President, Ontario Agricultural College, Guelph.
C. D. McGILVRAY, M.D.V., D.V.Sc.	Principal, Ontario Veterinary College, Guelph.
J. S. SHEARER, B.S.A.	Principal, Kemptville Agricultural School.
E. F. PALMER, B.S.A.	Director, Horticultural Experiment Station, Vineland.
W. R. REEK, B.S.A.	Director Western Ontario Experimental Farm, Ridgetown.
S. H. H. SYMONS, B. Comm., F.S.S.	Principal Clerk, Statistics and Publications Branch.
J. A. CARROLL, B.S.A.	Superintendent, Agricultural and Horticultural Societies Branch.
L. E. O'NEILL, B.S.A.	Director, Live Stock Branch.
MISS BESS McDERMAND, B.Sc.	Superintendent, Women's Institutes Branch.
P. W. HODGETTS, B.S.A.	Director, Fruit Branch.
G. H. BARR	Director, Dairy Branch.
R. S. DUNCAN, B.S.A.	Director, Agricultural Representative Branch.
J. D. SMITH	Director, Crops, Seeds and Weeds Branch.
J. O. FRASER	Ontario Commissioner of Agricultural Loans
W. B. SOMERSET	Ontario Commissioner of Marketing.
L. CAESAR, B.A., B.S.A.	Provincial Entomologist.
L. STEVENSON, B.V.Sc., M.S.	Provincial Zoologist.
L. H. HANLAN, B.S.A., M.S.A.	Fieldman, Northern Ontario.
J. E. HOUCK, B.Sc.	Chairman, Milk Control Board of Ontario.

ONTARIO AGRICULTURAL COLLEGE

ATTENDANCE AT HIGH LEVEL

The total attendance at the College for the past year was 2,545, a marked increase over the figure for the previous year. Attendance in the longer courses remained much the same as before, but registration in the short courses has increased materially. Students were registered as follows:

*General Course		592	
Specialists in General Course Work		8	
Poultry Specialists (One Year Course)		4	
Dairy Courses		231	
Live Stock and Field Crops		209	
Poultry Raising		37	
Horticulture		84	
Apiculture		49	
Farm Mechanics		245	
Baking School		11	
			1470
Domestic Science (at Macdonald Institute)			241
Girls' Conference (Junior Women's Institute)			403
Home Economics (2 weeks)			8
Home Economics (3 months)			14
Summer Courses—			
Intermediate Course—1st year	64		
Intermediate Course—2nd year	46	110	
Elementary Course—1st year	186		
Elementary Course—2nd year	113	299	409
TOTAL			2545

NOTE—(*) Figures include all students who were in attendance during the period April 1st, 1935, to March 31st, 1936.

The attendance at the College continues to tax to capacity residential accommodation as well as laboratory and class room space. Under such conditions, over-crowding in some departments remains inevitable.

ANALYSIS OF COLLEGE ROLL (GENERAL COURSE) 1935

From Ontario

Algoma	6	Kenora	1	Perth	6
Brant	6	Kent	12	Prince Edward	3
Bruce	9	Lambton	8	Rainy River	3
Carleton	30	Lanark	11	Renfrew	3
Cochrane	2	Leeds	6	Russell	1
Dufferin	4	Lennox & Addington	6	Simcoe	10
Dundas	6	Lincoln	25	Stormont	1
Durham	7	Manitoulin	2	Sudbury	3
Elgin	23	Middlesex	24	Thunder Bay	13
Essex	12	Muskoka	3	Victoria	7
Frontenac	4	Nipissing	1	Waterloo	22
Glengarry	4	Northumberland	6	Welland	16
Grenville	4	Norfolk	4	Wentworth	27
Grey	5	Ontario	12	Wellington	59
Haldimand	15	Oxford	15	York	50
Halton	13	Parry Sound	1		
Hastings	8	Peel	14	Total from Ontario	545
Huron	7	Peterborough	5		

From Other Provinces of the Dominion

Alberta	4	New Brunswick	1	Prince Edward Is.	3
British Columbia	8	Nova Scotia	2	Saskatchewan	1
Manitoba	2	Quebec	5	Total from other Provinces	26

From Other Countries

Br. West Indies	1	Newfoundland	1		
England	10	Scotland	2	Total from other Countries	21
Holland	2	U. S. A.	5		

Grand Total 592

Two Weeks' Short Course

The new plan, for winter short courses, continues to work well as is shown by the increase in registration over the very large attendance of the preceding year. The total for the current year was 587. Courses were given in Live Stock and Veterinary Science, Horticulture and Ornamental Gardening, Farm Mechanics and Beekeeping.

The opportunity to take regular instruction in these subjects was much appreciated by the young folks from our Ontario farms. In addition to the work, the students greatly enjoyed the residence life and the recreational programme which provided for entertainment each evening in War Memorial Hall. The evening programmes included community singing, addresses, motion pictures, a demonstration of athletics, music contests for short-course students and plays put on by rural groups and college players.

Farm and Home Week

Approximately 13,500 people visited the College during Farm and Home Week of 1935, the daily attendance being larger than it has been at any time since pre-war years.

In addition to the usual educational exhibit set up for the occasion by the various College Departments, a special programme for the ladies was arranged for each day and there was also a daily live stock parade which seemed to interest the women as well as the men. A varied programme of free entertainment was provided from eight to ten each evening, and arrangements were made for overnight accommodation for those who wished to stay more than one day.

College Royal

The 12th annual College Royal Show, which was held on March 3rd and 4th, was one of the best attended and most keenly contested exhibits ever held at the College.

Jacobine Jones Trophy

Miss Jacobine Jones, an eminent sculptress of Toronto, spent a considerable period at the Ontario Agricultural College modelling various animals in the College herd. As a token of appreciation of the co-operation offered by the College she generously donated to the College a bronze trophy which is her own work. The trophy, which is a life-like model of "Highland Dreaming Master," the present herd-sire of the College Jersey Herd, is to be awarded annually to

the Grand Champion Showman in the Live Stock Division of the College Royal Show. The trophy is to remain permanently at the College and the names of the annual winners are to be inscribed upon it.

Conferences and Groups Visiting the College

Each year a large number of groups and Associations come to the College for the purpose of holding their meetings, studying the work of various Departments and making contact with members of the Faculty. It is another way in which the Institution can be of direct service to these people.

Research and Service

Through their research and service activities, various Departments of the College have rendered much help to Canadian farmers during the past year in bringing to light highly important and useful information. Projects of interest have been summarized:

Buffalo Tree Hopper—Preliminary experimental work has indicated that young apple and pear orchards growing in sod may be protected against the Buffalo Tree Hopper by spraying with an oil emulsion. Orchard tests on a large scale are now being carried on.

Fumigation of Stored Grain—Increasing injury by insects to stored grain and its products has emphasized the importance of protection by fumigation. Tests with chloropicrin and weevilcide have shown that both these gases, when properly used, give good results.

Beetle Infestation—A new insect pest—the brown snout beetle (*Sitona cylindricollis*) his appeared in two areas in Ontario where it has caused severe damage to sweet clover. A full examination of its work has been carried out and careful observations will be continued to see if it is likely to be a really serious menace to crops.

Frozen Pack Preservation—Work is being carried on to determine the best varieties of fruits and vegetables for freezing and to attempt to make these products better known in Ontario. Eighty different varieties were tested during the year 1935.

Gas Storage of Fruits—Experimental work on the storage of pears in a partial atmosphere of carbon dioxide has been carried on for three years and shows promising results. Pears kept in storage for eight months at 30 degrees F. are in good marketable condition. Preliminary experimental work has been carried on with apples and grapes.

Storage Root Rot of Celery—Investigation on the storage root rot of celery grown in the Thedford district of Ontario has been carried on. The disease cannot be controlled by ordinary manipulation of fertilizers and other methods of control are being studied.

Maintaining the Quality of Print Butter in the Retail Trade—The grading of print butter for retail consumption has suggested the investigation of two major factors affecting quality. Results of experiments show that print butter should be held at 45 degrees F. or lower and should score at least half a point above the minimum flavour score for the grade, in order that the quality and grade may be maintained.

Of seven different butter wrapping materials and combinations tested, vegetable parchment used as a contact wrapper plus an outer wrapper of wax paper or a paraffined carton gave the greatest protection to the surface of the butter.

Chocolate Coating for Ice Cream Bars—Cocoa fat is customarily used for thinning chocolate coatings for ice cream bars. Experiments indicated that the substitution of butterfat for 35-50 per cent of the coacoa fat improved the flavour of the coating and reduced its tendency to shatter when eaten. The covering capacity of this coating is the same as where cocoa fat is used alone and, at present prices, would not increase the cost more than a fraction of a cent per dozen bars.

Canadian Blue Cheese—Practical manufacturing methods for the production of a Canadian Blue Cheese of the Roquefort type from cow's milk have been under observation during the past year. The results obtained thus far have been satisfactory. Further study is being made relative to the control of both flavour and physical quality and cost of manufacture. Samples of the new cheese have been submitted to the trade and have received satisfactory comment. A number of factories in Ontario are now being equipped to manufacture and properly cure this variety.

The Preparation of Liquid Honey—Experiments on the preparation of liquid honey for marketing indicate that elimination of air bubbles and thorough straining are the two most important factors for keeping it in a liquid condition. Work on the preparation of a satisfactory strainer is under way. The honey is first heated to 160 degrees F. to dissolve any dextrose hydrate crystals which might be present and to destroy yeasts. Then it it thoroughly strained so as to remove all foreign particles. It is finally placed in containers and capped while hot; the partial vacuum thus formed assists in the elimination of air bubbles.

Cause and Control of Leather End of Tomatoes—For the past five years experimental work has been carried on to determine the cause and methods of control of this disease. Soil and climatic factors influencing the development of this trouble have been determined. Varietal susceptibility of various types of tomatoes has been ascertained. It has been shown that the amount of Leather End can be much reduced by growing the recommended varieties of tomatoes on soil with an adequate supply of organic matter and by applying a complete fertilizer of the recommended analysis.

Lettuce Disease Research—The growers of leaf lettuce in the London district had repeated crop failures for several years owing to a disease of unknown cause, ruining their plants. They appealed to the College for help and investigations were at once begun to determine the cause and control of this disease.

After three years of careful research work, it was proved that this was a virus disease spread from diseased to healthy plants by two species of aphids, and that it was not readily transmitted by mechanical means, such as touching diseased plants and then touching healthy plants, or rubbing the juice of diseased plants on the leaves of healthy plants. The best methods of controlling aphids on lettuce were then determined. All the information concerning the cause and dissemination of the disease and the control of aphids was made available to the lettuce growers.

Seed Potato Treatments—As a result of a complaint from a potato grower

that "seed" treated with an acid mercuric chloride preparation had suffered injury, an investigation of the subject was carried out.

Experiments showed tht the injury resulting from treated seed potatoes was caused by not drying the potatoes immediately after treatment. It was found that in all cases, where potatoes were kept moist for twenty-four hours or more after treatment, injury occurred. On the other hand, no injury to the tubers resulted when these substances were used at double the recommended strength and the tubers dried immediately after treatment.

Breeding Strains of Grasses and Clovers—Hay and pasture cover 55 per cent of the farm acreage of Ontario. The importance of these crops to the live stock and dairy production of the Province demands that improved strains of grasses and clovers, adapted to Ontario, be put on a pedigree basis and made available to farmers, as is done with the varieties of grain at the present time.

As a result of collecting hardy plants in Scandanavia and Russia, and a comprehensive breeding programme, 23 improved strains of grasses and clovers are being tested and increased. The best of these will be multiplied and distributed to farmers.

Survey of the Protein and Mineral Content of Ontario Farm Hay: In 1935, in co-operation with the district representatives, 105 samples of hay were gathered from farms in 31 counties. The analyses show that the protein content of these hays varies from 21.27 per cent to 5.01 per cent; the phosphorus from 122 per cent to .06 per cent; and the calcium from 3.99 per cent to .22 per cent.

Hay is the most valuable crop grown in Ontario; it covers 30 per cent of the cultivated acreage. The above survey shows that some farms are producing hay which is four times higher in protein than others and that a considerable percentage of our hay is too low in the essential minerals to maintain healthy animals.

Pasture Mixture Produces Over 50 Per Cent More Milk Than Old Bluegrass Pasture—As a part of the pasture improvement programme, a co-operative pasture experiment was laid down in the dairy district of Oxford County in 1933. Seven acres of old Bluegrass pasture was plowed, fertilized, cropped and seeded to a good pasture mixture, to compare with seven acres of unimproved Bluegrass pasture.

The results show that in the two years—1933-34—the improved pasture has produced 90,819 lbs. of milk as compared with 60,048 lbs. from the old pasture, or an increase of 30,771 lbs. which is over 50 per cent. There are many pastures in the Province which can be profitably improved in the same way.

The Borax Treatment for Water Core—A considerable amount of borax has been sold to farmers in some parts of the Province as a treatment for Water Core or Brown Heart in Swede Turnips. Experimental work extending over the past two years indicates that the treatment is not effective and cannot be recommended.

Kathadin Potatoes—This new variety of potatoes, which has been under test for several years both at the Ontario Agricultural College and on a number of select potato farms, has proved to be of outstanding merit. It ripens early,

has marked disease resistance, yields well and has excellent table quality. Two carloads of certified seed are being distributed to farmers in 1936.

Niagara Peninsula Soil Survey—With the co-operation of the Dominion Department of Agriculture, most of the Niagara Peninsula south of the escarpment was surveyed. A deficiency in lime and phosphate was found in most areas. Soil maps of the area have been prepared for the Agricultural Representatives' offices in Welland, Lincoln and Haldimand Counties. Experiments are being laid down to demonstrate how these deficiencies may be overcome.

Fertility Studies—The use of fertilizers of various types was tested for pasture improvement and for the increase of crops in wheat, husking corn, ensilage corn, peas, beans and sugar beets.

Poultry Nutrition—Studies with various substitutions in the "purified" diet previously developed were continued with results, which, on the whole, tended to confirm previous observations. Studies with caseins of various types showed that they differed in growth-promoting ability, and that the use of some resulted in "arthritis." This result indicates that in any assay work, particularly with diets containing casein, it is essential to use a positive control with each diet.

Commercial Swine Production—An investigation into the factors which determine the suitability of hog carcasses for export and their value, has been conducted through a Kitchener Packing Plant with hog carcasses from nine counties. The object is to segregate the boars and sows which produce the most desirable type of carcass and to lead to improvements in Counties where the class of hog now being produced is not of a high grade. Developments up to the present time indicate that this work is producing very valuable results.

Additions to Herds and Flocks

Important additions have been made during the year to the College herds and flocks. The Honourable the Minister of Agriculture, Mr. Duncan Marshall, has purchased a number of outstanding animals. These will be used in the class room and for breeding purposes. Animals of excellent type, which represent the breed, are necessary for the class room and should prove of great value in the production of stock which can be sold to the farmers of the Province. In these efforts Mr. Marshall has the support and co-operation of the individual breeders and the Breeders' Associations.

Among the outstanding animals imported during the year were:

"Craigie Realization"—a high-class Clydesdale stallion, purchased from Mr. James Kilpatrick, Craigie Mains, Scotland.

"Anticur Hopeful"—a dual purpose Shorthorn bull, secured in Northern Ireland.

"Millhills Missie"—an excellent Shorthorn heifer, donated by Mr. Duncan Stewart, of Millhills, together with three dual purpose Shorthorn cows.

"Everosay of Broomhall"—an excellent Aberdeen Angus cow was secured from the Earl of Elgin. This animal has a show record and is one of the best cows in Canada.

"Dunlop Reflection"—an Ayrshire bull was donated to the College by

Senator Frank O'Connor. This bull has an excellent show record and is a valuable addition to our herd.

Subjects of Study and Instruction

An extensive field is covered by the wide range of subjects taught at the Ontario Agricultural College. The curriculum, which includes Animal Husbandry, Chemistry, Entomology and Zoology, Botany, Poultry, Horticulture, Field Husbandry, Mathematics, English, French, German, Bacteriology, History, Dairy Husbandry, Genetics, General Physics, Apiculture, Economics, Veterinary Science and Physical Training, has been arranged with the idea of giving the students a balanced course of study which will not only train them for their life's work, but will give them a wider outlook on life in general.

Agriculture, which includes heat, light and moisture, mechanics and motive power, soil composition and foods, reproduction, growth, habits and uses of plants and animals is not only a science, it is also a business and, in order that the students may learn to conduct their work as a business, subjects such as History and Economics are included in the course.

In order that the cultural value of education may not be neglected, the study of English, not only through direct exercises in speaking and writing, but through the study of the works of the best English authors, is a part of the regular course.

Graduate Studies

Interest is continuing in graduate studies. As in the past, graduate work in agriculture is directed by a conjoint committee of the College Faculty and of the School of Graduate Studies of the University of Toronto. The immediate supervision of the research problems of students is by the departments of both institutions which are directly interested.

Three students were granted the degree of Master of Science in Agriculture (M.S.A.) at the 1935 convocation of the University of Toronto.

OUTSTANDING EVENTS AT THE COLLEGE DURING 1935

Judging Teams

The institution was represented by three judging teams during the year. With 24 teams competing at the International Live Stock Judging Contest at Chicago, O.A.C. stood 13th. At the National Dairy Show at St. Louis in the Collegiate Judging Contest the O.A.C. team ranked 5th with 19 teams competing. At the Intercollegiate Meat Judging Contest, held in connection with the International Live Stock Exposition, Ontario stood 6th out of 11 teams.

Educational Exhibits

The placing of educational exhibits at fairs, exhibitions and other public gatherings is looked upon as one of the best means of carrying the results of investigational work directly to the people. Each year the College prepares and installs educational exhibits at the leadings fairs and the work of planning, designing and installing these exhibits falls mostly on the Extension Department.

During the past year exhibits were placed at the Canadian National Exhibition and the Royal Winter Fair at Toronto, at the Provincial Winter Fair at Guelph, at the International Plowing Match near Caledonia and at the annual meeting of the Ontario Agricultural and Experimental Union at Guelph. In addition to these the Extension Department gave assistance in the construction of many of the excellent exhibits prepared and set up in the different College departments for Farm and Home Week at the College, especially with the exhibits in the Home Economics Department.

Packet Loan Library

We have been able to maintain the good service provided to the rural communities by the Packet Loan Library in a very satisfactory manner during the year. The number of letters received asking for material shows that this division of the Department is much appreciated by the members of the Women's Institutes, Junior Farmers and other rural organizations and this fact is further emphasized by the many expressions of thanks which are sent in by people who have benefitted from this service.

During the year about 1,500 requests for material for debates, speeches and plays have been received, and in nearly every case some assistance has been provided.

Seed Setting in Alfalfa

Several years ago the counties of Peel, York, Halton and some other counties of Ontario were noted for the production of high class alfalfa seed and farmers found it possible almost every year to get satisfactory yields of seed. During the last five years these conditions have changed and seed yields have been low and returns disappointing. A study of the conditions responsible, extending over several years, has given us an insight into the cause of the difficulties.

Favourable weather conditions during the growth of the crop, particularly during the blossoming period, a normal supply of moisture in the soil and a balanced condition of the fertility elements in the soil, will help to overcome some of the difficulties in seed production. The breeding of strains of alfalfa, which will produce seed under a wider range of climatic conditions than the alfalfa we now have, seems to offer the best solution to the problem. A breeding program with this object in view has been in progress at the Ontario Agricultural College for several years and has already produced a number of strains which appear to be better than existing varieties for seed production.

Soybean Demonstrations

Nearly three hundred farmers have co-operated with the Field Husbandry Department in conducting soybean demonstrations since this work was undertaken a few years ago. In 1935 there were forty-seven acre plots of which twenty-nine were for seed production and eighteen for hay. They covered thirty-six counties. Reports from farmers who made the tests show an average seed yield of over 20 bushels per acre and an average hay yield of 2¾ tons per acre. Meetings which were held in connection with many of the plots provided people with an opportunity to study the soybean crop in the field and to discuss its value for the particular district.

Elite Seed Distribution

Each year the College distributes a limited quantity of Elite seed of grain

crops to registered seed growers who have special facilities for propagating and maintaining the purity of this high class material. The multiplied progeny is then available to the seed trade and to farmers in general. In 1935 forty-nine farmers obtained Elite seed of spring crops and nineteen grew winter wheat for which the seed was distributed in the autumn of 1934.

ONTARIO VETERINARY COLLEGE

Convocation and Commencement Exercises

At a special Convocation of the University of Toronto held on May 10, 1935, the degree of Bachelor of Veterinary Science (B.V.Sc.) was conferred on forty graduates by the Honourable and Reverend H. J. Cody, President of the University.

The Annual Commencement Exercises were held on November 15, 1935, in the Assembly Hall of the College, the speaker for the occasion being John E. Houck, B.Sc., of the Ontario Department of Agriculture.

Student Enrolment

The student enrolment has been satisfactorily maintained during the present year. The current registration comprises a total of 201 students—an increase over preceding years. Attendance capacity has been reached and to provide for a larger attendance would require more accommodation, additional laboratory facilities and increased staff. In the meantime it would seem desirable to keep the attendance at a desirable level by careful selection of applicants. While the majority of the students are residents of Ontario, a number are also in attendance from each of the other Provinces, from Great Britain and other parts of the British Empire and from the United States.

Courses of Study and Instruction

High standards are being maintained in the general course of instruction, so that the student receives the best possible training during his time at college. It is becoming more noticeable, however, that with the advances which are being made in the sciences, it may be necessary to expand the studies. This would require more time and a lengthening of the course. Until the time is considered opportune for extending the length of the course, every effort is being made at the College to keep the attention of the student focused on making the best of the opportunity and to lay a good foundation for graduate study. The work, which is considered to be of essentially a professional nature, is divided up into departments and a brief description of the nature and scope of the instruction is given under the following headings:

Zoology, Embryology and Histology: Particular attention is given in this course to zoology, especially to the parasitic forms of animal life, thus laying a foundation for the study of parisitology. Embryology is given as a preparatory course to histology and serves as an aid to the better understanding of genetics and obstretrics. The course in histology consists largely of a study of the various tissues in the animal body, and is chiefly a laboratory one. The student is trained to develop microscopic technique to the fullest extent and to make accurate drawings from the microscopic field.

Anatomy: The instruction consists of lectures, dissections and clinical demonstrations and is taken during the first two years. The study of anatomy

furnishes a foundation for the study of the general form, structure and conformation of animals. Detailed dissection of the animal body is undertaken, so that the student gains an accurate knowledge and a visual conception of the different structures. Because of the increasing importance of all species of animals, a comparative study must be made in order that the student becomes conversant with the anatomical differences in the different species. A knowledge of anatomy enables the student moreover to develop surgical proficiency.

Special attention is given to the occurrence of defects in structure inclining to faulty information and to abnormal conditions likely to cause unsoundness or to impair usefulness. This knowledge proves very valuable in the judging of live stock and also in the examination of horses for soundness and in the detection of disease.

Physiology: Instruction is given which embraces the study of the functions of life processes of the domestic animals. Attention is given to the subject under the following divisions—the chemical basis of the animal body; the physical basis of life; the blood, its formation, its physical properties, its cellular elements and functions in life; the lymph, its formation, its physical character, its circulation and function; the heart and blood vessels, including principles of circulation, blood pressure and nervous mechanism; the respirations relating to the mechanism of breathing, the chemistry of respiration and the respiratory cycle.

Considerable time is devoted to the mechanism of digestion—the mechanics of digestion, the absorption of foods, the metabolism of carbohydrates, sugars and fats. Special attention is also given to the metabolic requirements of the body—the accessory food factors, the endocrin glands and their function, the production and dissipation of heat in the body, and finally the course is completed by a comprehensive study of the male and female, relating to growth, regeneration and reproduction.

Parasitology: The instructional work in parasitology has been composed of courses dealing with veterinary protozoology, entomology and helminthology. The economically important species in each group are described. Lectures covered the cause, diagnosis, symptoms, treatment and control of coccidiosis blackhead, stallion plague, mange, bot, warble, fluke, roundworm and tapeworm infestations and numerous other parasitic diseases which endanger the health of the animals attacked or make their flesh dangerous for human consumption.

Students taking the above courses were required to make a collection of parasites, to gain practical experience in conducting post mortem examinations and at the same time to become familiar with the common parasites of domestic animals. Thirty-two collections consisting of 1,700 mounted specimens, were submitted and examined during the past year.

Reports have been prepared on the results of further research dealing with control of the flesh fly, *Wohlfartia vigil* and other flies, as well as on tuberculosis in fur-bearing animals. For those interested complete accounts of this investigational work may be found in the Annual Report of the Ontario Veterinary College for 1935-1936.

Pathology and Bacteriology: The work of this department consists of tutorial work, diagnostic work in connection with the College clinic, and the laboratory examination of specimens of various kinds submitted by veterinar-

ians and farmers. An increasing number of pathological specimens are being added to the museum, which greatly facilitates the teaching of pathology. Many post-mortem examinations were also made in the case of animals brought to the College for that purpose. A large number of specimens were received from unusual cases, upon which laboratory help is necessary in establishing an exact diagnosis.

Research work was continued into several acute infectious diseases of animals and detailed reports on the following diseases may be found in the Annual Report of the Ontario Veterinary College for 1935-1936: Bothryomycosis of horses, Encephalomyelitis of horses; Pulpy kidney disease of sheep; Malignant vaginitis of cattle.

Infectious and Contagious Diseases of Animals: The course in these diseases deals largely with those which are communicable in the various species of animals. Particular attention is given to their nature, prevalence, causes, dissemination, symptoms and methods of diagnosis by means of the various approved tests and the best known methods for their prevention and suppression. The diseases giving most concern at the present time include tuberculosis, Bang's disease, mastitis, hemorrhagic septiceamia, blackleg and swine erysipelas.

Sanitary Service Regulations: This course deals with the official veterinary inspection and certification of live stock and of meat and meat food products intended for domestic consumption and export trade. The Animal Contagious Disease Act and regulations relating to quarantine and control of disease received due consideration, relating to the duties of owners of animals and veterinary surgeons. The various methods adopted for the control and eradication of contagious disease were dealt with, as well as those governing the importation and exportation of live stock, in order to ensure the highest possible standards of animal health.

Meat Inspection: The various regulations relating to the conditions under which government inspection is granted and maintained at abattoirs, packing houses or other establishments conducting an export trade in meats and meat food products are considered. Particular attention is given to the sanitary conditions observed by establishments under inspection and to the proper inspection of animals before and after slaughtering, as well as the preparation, process of manufacture and packing of meat food products, official marking of carcasses and the certification of meat and meat food products. In short, all that is essential to the encouragement and the continued development of domestic and foreign trade in these commodities. Th chief aim is to give the student a comprehensive knowledge of the subject when he enters general practice after graduating and also to prepare students for entry to the public service as veterinary inspectors under the Health of Animals Branch.

Milk Hygiene: The inspection of dairies and the sanitary production of handling of milk from the producer to the consumer comprise this course. The subject is covered by a course of lectures in dairy husbandry, dairy inspection and laboratory exercises in milk hygiene. The practical side of the study includes visits to dairy farms and to large creameries and milk distributing plants, while the laboratory exercises are related to the chemical and bacteriological examinations of samples of milk and milk products.

Poultry Diseases: The course in poultry diseases covers a lecture and a laboratory course in poultry husbandry, dealing with the different breeds, judging, housing, feeds and feeding, hatching and rearing, hygiene and sanitation. Partic-

ular attention is also paid to the diseases of poultry, particularly to the prevention, the suppression and the control of the infectious ones.

Therapeutics: Instruction includes obstretrics, materia medica, and therapeutics. The course in obstretrics is provided by means of lectures, practical demonstrations, clinical observations, applied treatment and breeding hygiene. Special consideration is given to the occurrence of sterility in breeding animals interfering with herd efficiency and the diseases occurring in young animals along with the means of lessening mortality among them. The course in materia medica and therapeutics furnishes a knowledge of drugs and remedies used for the prevention and treatment of animal diseases and to relieve pain.

Diseases of the Horse: Lectures and classwork are correlated with clinical demonstrations, so that the instruction is both theoretical and practical. During the course particular attention is given to those diseases which are most common and which occur most frequently in horses and especially those affectnig the respiratory tract, the digestive tract, the nervous system, the urinary tract, heart and blood vessels, the skin and the generative organs.

Diseases of Cattle, Sheep and Swine: The diseases which are not contagious as affecting cattle, sheep and swine are considered. A selection is made of the prevailing diseases and ailments, which occur among each species. The peculiarties of each species are carefully explained, so that the student becomes familiar with the diseases to which each is most liable to be subject on account of its mode of living, anatomical and physiological variations. The different diseases are studied as to their etiology, symptomatology, physical diagnosis, prognosis, preventible measures, and the application of therapeutic remedies most suitable to each is discussed and demonstrated as far as it is possible.

Surgery: The course in surgery consists of a series of lectures, recitations and clinical demonstrations. Lectures embrace the general principles of surgery, namely, preparation of the patient and of the instruments, arrangement of the operation equipment, preparation of the surgical area, methods of restraint, local and general anaeathesia, surgical pathology and therapeutics, including asepsis, antisepsis, hemostasis, forms of suturing, dressing, bandaging and after treatment of wounds.

Canine and Feline Diseases: Owing to the increasing importance of small animal practice, a special course of lectures and demonstrations was given, dealing with dogs, their breeds and breeding, and the general principles and practice of canine medicine and surgery. Clinics were also held each week, to which small animals might be brought for examination and operative treatment.

Special Courses:

During the month of June, a short course relating to the fur farming industry was arranged in co-operation with the Ontario Silver Fox Breeders' Association and the staff of the Government Experimental Fur Farm. The course consisted of special lectures and demonstrations as follows: Selective Breeding of Fur-Bearing Animals; Market Grading of Silver Fox and Mink Pelts; Cause and Transmission of Infectious Diseases; Practical Feeding of Foxes and Mink; Parasitic Diseases of Mink; Breeding Problems.

During the month of July, a special course was held for the benefit of veterinary practitioners on the following subjects: Control and Eradication of

Infectious Diseases; Canine Breeding Problems; Identification of Parasite Eggs and Larvae; Common Plants Poisonous to Live Stock; Bovine Mastitis; Milk Hygiene and Its Application; Recent Therapeutic Measures; Problems of the General Practitioner; Special Demonstrations and Surgical Operations.

A series of special lectures was also given by members of the staff to the short courses for farmers and herdsmen at the Ontario Agricultural College.

Public Extension Service

Research and Investigational Work: Owing to the increased amount of routine work, not as much time and attention were devoted to research work as might have been. Reports of some of the investigations conducted by members of the staff individually were submitted as appendices and may be found in the Annual Report of the Ontario Veterinary College for 1935-1936 under the following titles: Outbreak of Breeding Difficulties in a Dairy Herd; Outbreak of Depraved Appetite in Cattle; Swine Plague; Bothryomycosis of Horses; Encephalomyelitis of Horses; Pulpy Kidney Disease of Sheep; Malignant Vaginitis of Cattle; Tuberculosis in Fur-Bearing Animals; Control of the Flesh Fly, *Wohlfartia vigil*.

Animal Clinics: In this department the practical application of veterinary medicine and surgery is made available. Cases for the clinic come from many parts of the Province; these are sent in at the suggestion of practising veterinarians and others. In addition to those brought from a distance, the Ontario Agricultural College live stock and other animals in the immediate vicinity of Guelph are frequently presented for clinical observation and treatment.

The nature of these cases is quite varied and all species of domesticated animals are submitted. This is revealed in the following data taken from the 1935-1936 records of the clinical department; 185 were submitted. Surgical cases were preponderant, but there were also a number of disease conditions and in a few instances cases of an infectious nature, representing ailments affecting a number of animals in the same quarters. There were seventy-three cattle submitted and in this species sterility cases and breeding abnormalities were most numerous. Conditions such as calf scours, calf pneumonia, hemorrhagic septicemia, John's disease, abortion disease, actinomycosis and tuberculosis were brought in for diagnosis and in the main were reperesentative of herd affections.

Upwards of seventy pigs were brought in for examination and treatment. With reference to the swine clinics, there are a considerable number of surgical cases, such as hernias, cryptorchids and other congenital aberations. These make interesting and useful clinics for surgical intervention of these abnormalities and can be clearly demonstrated. Many of these swine cases, however, are disease conditions, representative of some affectation of a litter or of a herd of pigs and because of the fact that the history of these outbreaks, the clinical aspect of the case, in some instances the postmortem examination and the subsequent bacteriological findings can be traced, they make exceptionally useful clinics. The diseases commonly observed are anaemia of suckling pigs, gastro-enteritis, pneumonia affections, parasitism and nutritional disturbances. Such infections as those responsible for hemorrhagic septicemia, swine erysipelas, nurotic enteritis and general sepsis are frequently isolated.

The sheep clinics are not as numerous as those of swine, but here again certain cases are presented as examples of flock conditions and include such

diseases as parasitism, pregnancy disease, hemorrhagic septicamia, lambing troubles and nutritional imbalances.

The number of patients in the small animal clinic is increasing from year to year and in the past term 236 dogs, cats and other pets were submitted for examination and treatment. Many of the cases were surgical in character but a considerable number suffered from the various ailments peculiar to the canine and feline species, mange, distemper, chorea, gastritis, eczema, fractures and dietary errors being illustrative of the most common disease conditions submitted.

Preparation of Biological Products: 73,350 test doses of *S. pullorum* antigen, and positive and negative control sera were distributed to veterinarians for the agglutination test for *S. pullorum* infection in poultry (white diarrhoea). 18,150 test doses of *Br. abortus* antigen were also sent out for use by veterinary surgeons for the diagnosis of Bang's disease in cattle (contagious abortion). It is gratifying to note that each year more veterinarians are qualifying themselves to conduct the agglutination test for *S. pullorum* and *Br. abortus* infection.

Serological Tests: These are commonly known as blood tests, and are widely used for the diagnosis of Bang's disease in cattle (contagious abortion). For the diagnosis of Bang's disease, 15,398 blood samples were submitted to the agglutination or blood test for B. abortus infection. Included in this number were 660 pure bred cows, intended for export to the United States. The results of these tests are as indicated in the following table:

BLOOD SERUM EXAMINATIONS FOR BANG'S DISEASE

Animal	Disease	No. of Samples Received	Positive	Doubtful	Negative	Unfit for Testing
Cattle	Bangs Disease (infectious abortion)	15,398	2,028	867	12,330	173

Laboratory Examinations: During the past year, 2,343 specimens were received for laboratory examination as is indicated in the following tables:

PATHOLOGICAL EXAMINATIONS

Nature of Case	Cattle	Sheep	Horses	Swine	Dogs	Cats	Rabbits	Birds	Fox	Mink	Fish	Total
Tuberculosis	4	—		—	—	—	—	—	—	3	—	7
Neaplasms		—	4	2	37	4	—	—	—	—	—	47
Parasites	5	—	2	17	11	5	9	2	12	6	4	73
Enteritis	5	—	—	17	1	2	1	—	—	3	—	29
Pneumonia	6	5	3	21	4	1	—	—	1	5	—	46
Peritonitis		—	1	—	—	—	—	—	—	1	—	2
Nephritis	1	1	1	1	1	—	—	—	2	2	—	9
Tissue from Operations	3	—	6	2	5	—	—	—	—	—	—	16
Hemorrhagic Septicemia	6	6	—	15	—	—	—	—	—	—	—	27
Gastritis		—	1	11	3	—	—	—	2	2	—	19
Food Poisoning	6	2	3	—	—	—	—	—	—	7	—	18
Abortion	5	—	—	—	—	—	—	—	—	—	—	5

Nature of Case	Cattle	Sheep	Horses	Swine	Dogs	Cats	Rabbits	Birds	Fox	Mink	Fish	Total
Aneamia		—	—	10	1	—	—	—	1	2	—	14
Pericarditis	1	—	1	—	1	—	—	—	—	—	—	3
Mastitis	98	—	—	—	—	—	—	—	—	—	—	98
John's Disease	1	—	—	—	—	—	—	—	—	—	—	1
Hepatitis	2	—	3	1	4	—	—	—	—	—	—	10
Actinomycosia	4	—	—	—	—	—	—	—	—	—	—	4
Examinations of Pus	36	—	5	1	—	—	—	—	—	—	—	42
Blood Tests	4	—		1	—	—	—	—	—	—	—	5
Abscess	3	—	—	—	1	—	2	—	—	—	—	6
Meat Inspection	10	—	—	7	—	—	—	8	—	—	—	25
Miscellaneous	19	9	3	12	6	—	—	12	11	2	5	79
Total	219	23	33	118	75	12	12	22	29	33	9	585

Poultry Diseases	Number of Cases
Adult Pullorum Infection	124
Ascites	13
Avian Diphtheria	2
Coceidiosis	327
Colds and Roup	22
Cloacitis	2
Enterohepatitis (Turkeys)	19
Enterohepatitis (Chickens)	17
Fowl Cholera	28
Laryngo-Tracheitis	54
Leucosis	35
Pneumonia	2
Pullorum Disease of Chicks	377
Tuberculosis	49
Duck and Goose Septicaemia	4
Neurolymphomatosis	6
Other Infections	26
Voloulus and Inspection	7
Transient Paralysis	2
Egg Bound	6
Enteritis	44
External Parasitism	1
Fatty Degeneration of Liver	1
Impaction of Crop	4
Injuries	15
Nutritional Disorders	138
Prolapse	4
Poisoning	2
Ruptured Liver	4
Ruptured Oviduct	2
Tumours	36
Worms (Ascaridia)	100
Worms (Capillaria)	31
Worms (Large Tape)	133
Worms (Minute Tape)	52
Worms (Round and Tape)	19
Putrid and not diagnosed	50
Totals	1,758

Throughout the year an immense volume of correspondence has received attention as well as daily personal interviews with those concerned seeking advice regarding diseased animals. Much of this routine work is of an exacting nature and requires careful and painstaking effort in extending helpful guidance.

KEMPTVILLE AGRICULTURAL SCHOOL

April 1st, 1935—March 31st, 1936

ENROLMENT

Agriculture—Senior Year	24
Agriculture—Junior Year	46
Agriculture—Short Course	12
Agriculture—Teachers' Summer Course	157
Home Economics	22

The Department of Home Economics was re-established during the year. New equipment in the laboratories and kitchen was added and repairs and new furnishings made in the girls' dormitory, students' parlor and dining-room.

New equipment and supplies were added to the Agricultural Engineering and Chemistry Departments and the School Library.

A new power mower was secured for the Horticultural Department.

Additions of high-class animals were made to the live stock herds. The dairy herd is now completely free from bovine tuberculosis, contagious abortion and mastitis.

MEETINGS ATTENDED OR ADDRESSED BY THE PRINCIPAL

Date 1935	Meeting and Place	Subject	Attendance
Apr. 4	Eastern Ontario Jersey Breeders' Club, K'ville	Live Stock Improv.	40
Apr. 4	Ottawa Valley Seed Growers' Annual Banquet Renfrew	——	225
Apr. 9	Agr. Representatives Conference, Kemptville	Junior Work	12
Apr. 15	C.S.T.A. Swine Special Meeting, Ottawa	——	75
Apr. 23	Cattle Committee, Kemptville Summer Fair	Director	15
May 14	Jersey Breeders' Field Day Committee Kv.	Director	12
May. 14	Pres. Church Brotherhood Mtg., Spencerville	Agricul. Education	60
May 15	Burrett's Rapids W. I.	Agricul. Education	25
June 10	Renfrew Agr. H. S. Students visit, K.A.S.	K. A. S.	25
June 11	Wax Plucking Demonstration, K.A.S.	——	75
June 12	Ottawa Valley Annual Conference, K'ville	K. A. S.	300
June 13	O. V. Seed Growers Annual Trip to Alexandria Bay, N. Y.	——	300
June 15	Holstein Field Day at Brockville	K. A. S.	400
June 19	Kemptville Summer Fair—Swine Exhibition	Exhibition	
June 20	K.S.F. Dairy Cattle	Exhibition	
June 22	Jersey Breeders' Field Day and Picnic, K.A.S.	K. A. S.	200
June 26	Stormont Ayrshire Field Day, Avonmore	K. A. S. and Sheep	300
June 28	Hull Y. P. Picnic	K. A. S.	125
June 29	Kars United Y. P. Picnic	K. A. S.	150
Aug. 1	Grenville Junior Farmer Judging Competition	K. A. S.	30
Aug. 9	Calf Club Members from Carleton, Lanark and Leeds	K. A. S.	45
Aug. 10	K.A.S. Alumni Annual Reunion	Welcome	200
Aug. 12	Amherst Island Jr. Farmers' Mtg., Stella	Agricul. Education	125
Aug. 19	Junior Farmers' Judg. Competition, C.C.E.A.	Judge Beef Cattle	—
Sept. 13	South Mountain Fall Fair	Judge Dairy Cat.& Swine	—
Sept. 18	Stirling Fall Fair	Judge Calf Club Show	—
Sept. 19	Renfrew Fall Fair	Judge Jr. Far. Jud. Com.	—
Sept. 20	Renfrew Fall Fair	Judge Calf Cl., Foal Cl.	—
Sept. 26	Middleville Fall Fair	Judge Dairy & Beef Cat.	—
Sept. 28	Richmond Fall Fair	Judge Jr. Far. Jud. Com.	—
Oct. 3	Russell Plowing Match Banquet	K. A. S.	200

Date	Meeting and Place	Subject	Attendance
1935			
Oct. 10	Waterloo Middlesex Jr. Farmer visit, K.A.S.	K. A. S.	30
Oct. 10	Eastern Ontario Plowing Match Banquet	Intro. Guest Speaker, Dr. Grisdale	300
Oct. 21	County Judging Teams	K. A. S.	40
Oct. 23	Holstein Barn Mtg., Stormount Cty, Berwick	Live Stock Improv.	40
Oct. 24	Holstein Barn Mtg., Stor. Cty, Osnabruck Ctr.	Live Stock Improv.	30
Oct. 25	Dundas Cty. Judg. Competition, Chesterville	Judge	25
Oct. 29	Napanee Boys' Potato Club Rotary Banquet	K. A. S.	70
Oct. 30	Prince Ed. Cty. Judg. Comp. Banquet, Picton	K. A. S.	200
Nov. 11	Cty. Judg: Teams' visit K.A.S.	K. A. S.	45
Nov. 12	Ottawa Winter Fair Judg. Competition	Judge Dairy Cattle	—
Nov. 15	Potsdam, N.Y., Boys' visit K.A.S.	K. A. S.	20
Nov. 16	Grenville Public Speaking Contest, K.A.S.	Welcome	75
Nov. 18	Senior Students' visit to Avondale Farm, Brockville	In charge	25
Nov. 25	Annual Sale of Live Stock, K.A.S.	Sales Manager	350
Dec. 4	Hallville Junior Short Course, S. Mountain	Farm Cropg. System	50
Dec. 19	Renfrew Short Course Banquet, Glasgow	Agricul. Education	125
1936			
Jan. 15	Annual Meeting C.C.E.A., Ottawa	Director	—
Jan. 16	Carleton Cty. Boys' Short Course visit K.A.S.	Welcome	60
Jan. 22	Carleton Cty. Girls' visit K.A.S.	Welcome	40
Jan. 29	Frontenac County Council	K. A. S.	40
Jan. 29	Pittsburg Township Study Group	Winter Feeding	50
Feb. 1	Dundas Short Course Banquet, Winchester	Agricul. Education	150
Feb. 9	K.A.S. Assembly	Education	85
Feb. 24	K.A.S. Literary Society Concert	Welcome	325
Mar. 2	C.S.T.A. Discussion Group Agr. Edn., Ottawa	Discussion	60
Mar. 5	Ford Motor Demonstration K.A.S.	——	175
Mar. 9	Madoc Judg. Comp. Luncheon	K. A. S.	65
Mar. 13	Swine Feeding Station, Guelph	Director	10
Mar. 25	K.A.S. vs. K.H.S. Debate	——	200
Mar. 27	Cattle Committee Kemptville Summer Fair	Director	15
Mar. 28	K.A.S. "Open House" to visitors	Welcome	300
Mar. 31	Swine Committee C.C.E.A.	Director	15

LIVESTOCK AND FARM

Additions:

HOLSTEIN HERD SIRE ..... Idylwilde Ormsby Duke No. 93503
Class xx born Sept. 13, 1930.
Sire—Sir Ormsby Burke of Poplar Row No. 68433
Dam—Idylwilde Toitilla Burkeyje No. 110998
R.O.P. Record (10 years):
19021 lbs. Milk (365 days)
Average test 3.51% on twice daily milking.

AYRSHIRE HERD SIRE ..... Le Moines Point Sir Oliver No. 181363
Class A. born Aug. 1, 1934
1st prize Sr. calf Ormstown, 1935
Sire—Springbrook Ringmaster No. 118285 Class A.
Dam—Le Moines Point Maggie No. 146885
R.O.P. Record (3 years):
10760 lbs. Milk
445 lbs. Butterfat
305 days.

PERCHERON FILLY ..... Belle Laet No. 17321, born May 11, 1933
Reserve Jr. champion, Royal Winter Fair, 1935.

YORKSHIRE BOAR ..... Glenafton Prince 6N No. 179647, born July 17, 1935
An outstanding bacon type boar of advanced registry breeding.

YORKSHIRE SOW ..... Weldwood 42N No. 178729, born April 3, 1935
Farrowed 12 pigs—excellent type and has advanced registry breeding on both sire and dam sides.

Eighteen Hereford and cross-bred Hereford Western feeder steers weighing 700 lbs. were purchased in the Fall of 1935. This lot were low-set, typey, beef cattle, which gained in weight exceptionally well during stable feeding.

The entire milking herd of Holsteins and Ayrshires were entered in R.O.P. The highest Holstein record made in twice-on-a-day milking was by K.A.S. Margaret Pontiac No. 171717, born August 1, 1927.

18041 lbs. Milk

657 lbs. Butterfat

Per cent test 3.64..... 365 days.

The highest Ayrshire record on the same basis was Kemptville A. S. Alice Pan 2nd, No. 106072, born Feb. 1, 1926.

11737 lbs. Milk

424 lbs. Butterfat ..... 348 days.

The Shropshire flock yielded 1.76 lambs per ewe during the year. Breeding ewe and ram lambs were sold at reasonable prices to Eastern Ontario farmers.

The year produced above average crops, especially clover hay, corn silage, mangolds and early oats. Over 200 tons of alfalfa and mixed hay were stored in fairly good condition. Two silos (12' x 30' and 16' x 32') were filled to capacity with high quality field corn. Five acres of mangolds yielded over 20 tons per acre and the early Alaska oats ran 65 bushels per acre. The seeding down clover and grass seed mixture used in the Spring of 1935 was as follows:

Alfalfa	7 lbs.
Red Clover	5 lbs.
Alsike	4 lbs.
Timothy	4 lbs.
	20 lbs. per acre.

This mixture caught well and came through the 1935-36 winter in first-class condition.

Annual Sale

The auction sale of surplus live stock was held Nov. 25, 1935, with over 300 farmers in attendance.

15 bred Yorkshire gilts averaged $38.60

6 open Yorkshire gilts, averaged..... 23.50

In addition a Yorkshire boar, a Shropshire ram lamb, a Holstein bull of serviceable age, and three Ayrshire bulls were sold.

Seed Plant

Small seeds and grains were cleaned and graded for 350 farmers in the Kemptville district during the year. The plant operates from freeze-up to seeding time. Registered No. 1 Alaska oats were sold at reasonable prices to Boys' Grain Club members in Dundas, Leeds ,Carleton, Frontenac, Lennox and Addington, Victoria and Hastings Counties.

HOME ECONOMICS COURSE

The Home Economics Course was re-opened at the Kemptville Agricultural School on Nov. 5th, 1936.

Twenty-two students were registered for the first course in Home Making. Of these students three held Interim Teachers' Certificates, and four held Senior Matriculation Certificates. Aside from academic standing this group of girls proved to be representative of the type our course had been established for, the conscientious and wholehearted girl from the rural district or small town who is anxious to continue her education and further her knowledge of Home Economics. Many of these girls are returning to continue for a second years in the Two Year Home Economics Course which will be opened in October, 1936.

Upon the reorganization of the Home Economics Course it was necessary to renovate some of the classrooms. The floor was refinished in the Foods Laboratory, new utensils were added to bring the equipment up-to-date and to replace that which was worn out. A coal and wood range was installed, as it was felt that students should be given an opportunity to use the fuels common to most of their homes. An office adjoining the foods laboratory was converted into a most attractive dining-room. Maple furniture in colonial design—made from Ontario maple—was used in this room. The dining-room was used for the serving of actual family sized meals, that the students might get more than just laboratory practice of preparing one food at a time.

The clothing laboratory was painted and the floor was refinished. Two electric sewing mchines, three dress forms and pressing equipment was added. A start was made on a textile collection, and the equipment for work in applied art.

The Students' Residence has been greatly improved during this year, to make it a more comfortable and cheerful place for the students to live in.

Mattresses and pillows were replaced throughout the residence. Battleship linoleum was laid on the floors of the girls' bedrooms to replace the much worn fir floors. An interesting project was worked out in the Home Furnishing class to give the girls some practical experience and at the same time to improve the appearance of the rooms. Each girl decorated or helped to decorate her room. Beds were repainted; bureaus and desks were scraped and refinished. Curtains and bedspreads were made out of bright and inexpensive ginghams, broadcloths and theatrical gauze.

The Social Room, which is used by the entire student body, was improved by a refinished floor, new draperies and some occasional tables and chairs. The dining-room floor was refinished. A new set of dishes was added which will be adequate for a full dining-room.

The laundry work of the residence has been greatly facilitated by the addition of an institutional washing machine, and an electric ironer.

In the Home Economics classroom a complete set of chairs with desk combination was installed.

The Home Economics Department played a major part in the "Open Day" held on March 28th, which proved to be such a successful event. Some

of the student achievements were on display in the Administration Building, including dresses, blouses and lingerie made in the "Garment Construction and Selection" Course. The Applied Art Class had an exhibit of materials used and finished products in tie-dyeing and block printing. In the Foods Laboratory there was a display of cakes, and a table setting display in the practice dining-room.

GATHERINGS ADDRESSED

September, 1935—April, 1936

Date	Place	
Oct. 8	Belleville	Women's Institute Convention—150 delegates. Topic—"Home Economics at Kemptville Agricultural School."
Oct. 16	Ottawa	Women's Institute Convention—Convention Hall.—Chateau Laurier—500 delegates. Topic—"Home Economics at Kemptville Agricultural School."
Oct. 17	Kingston	Women's Institute Convention—LaSalle Hotel. 100 delegates. Topic—"Home Economics at K. A. S."
	Kemptville	Women's Institute Meeting—45 members. Topic—"Purchasing Silk Hosiery."

The first course upon the reopening of the Home Economics Department —run as a One Year Home Makers' Course was on the whole satisfactory. The students were interested and enthusiastic and made good progress; it is gratifying to know that many of them plan to return, and for the next year we are expecting a big increase in enrolment.

POULTRY DEPARTMENT

The usual lectures were carried on both with the regular classes and Teachers' Summer School.

The Poultry Plant experienced a reasonably good year, although egg prices were disappointing during the summer of 1935. A marked increase in the demand for breeding stock was in evidence but unfortunately the plant was not in a position to meet this demand in the Fall of 1935.

Extension work was carried on in several of the Counties of Eastern Ontario during the year.

Farm visits re disease etc.	93		
Farmers' meetings and W. I. meetings	37	People at meetings	1760
Culling demonstrations	29	People at meetings	290
Killing and plucking demonstrations	5	People at meetings	130
Birds culled			4965
Fair Boards and Directorate Meetings	14		
Junior Farmer visits and Judging Competitions	3		
Judging at Fall Fairs	3		
Judging at School Fairs	7		

Short Courses

Toledo	98 people
Winchester	87 people
North Gower	79 people
Maxville	42 people
Verona	30 people

Total of people addressed 2511

DEPARTMENT OF FARM ENGINEERING AND DRAINAGE

April 1, 1935, to March 31, 1936

During the year this department was engaged in lecturing and demonstrating to regular classes, short course students, summer school students, and attending meetings and giving drainage service to Eastern Ontario. From May 1st, to October 1st, this department acted as drainage supervisor for Eastern Ontario, working under the direction of the Drainage Department, O.A.C., Guelph. This service included taking levels in the field, planning and mapping profiles and plans. A complete report of the work accomplished during this period is included in the Report of the Drainage Division, O.A.C., Guelph.

Regular Course from November to April

During this period lectures and demonstrations were given in the following subjects: drainage, wood-working, electricity, hydrostatics. farm water supply and sewage disposal, concrete and its uses on the farm; selection, care, and repair of farm machinery, auto, gas engine, and tractor mechanics; soldering, rope splicing, belts and belt lacing and saw filing.

In woodworking classes, barn framing, selection and care of tools, and simple models such as household furniture—composed of book racks, magazine racks, tables, lamps, wiffle-trees, double-trees, etc., were made by the students.

Forge work and blacksmithing was given. Besides learning to shoe a horse, each student made simple articles such as staples, gate hooks, meat hooks, welded links, cold chisels, etc.

During the year the following equipment was added to this department: Benches in the woodworking room were increased to 243, tools which included 1 back saw, 3 chisels, hammer, tri-square and Jack plane were supplied to each bench. Complete blacksmithing and forging tools were secured also.

Through the co-operation of the Massey Harris Co. Ltd., International Harvester Co. Ltd., Frost & Wood Co. Ltd., Beatty Co. Ltd.. and Ford Motor Co. of Canada, the following machines were loaned to the Kemptville Agricultural School for classroom purposes: One tractor. 2 stationary engines, 2 mowers, 1 cultivator, 1 disc seed drill, 2 walking plows, 1 disc plow, pressure pump and one automobile chassis.

Meetings Attended

Date 1935	Place	Attendance	Subject
Oct. 11—Eastern Ontario Plowing Match	Roebuck	300	Director on Class
Oct. 21—Holstein Barn Mtg.	Cornwall	10	Livestock Improv.
Oct. 22—Holstein Barn Mtg.	Maxwell	50	Livestock Improv.
Dec. 20—Lanark County Short Course & Banquet	MacDonald's Corners	100	Agricul. Education
1936			
Jan. 14—Frontenac Co. Short Course	Verona	25	Drainage and Rope Splicing
Jan. 21—Dundas Co. Short Course	Winchester	30	Drainage
Feb. 19—Jr. Farmers. Assn.	Osnabruck Centre	50	Drainage
Mar. 28—Jr. Seed and Grain Judging Comp.	Renfrew	40	Judge

In addition to the above, Physical Training instruction was given to the regular students from November to April.

Short Course, January 20-21st, 1936

Lectures and demonstrations were given to the Short Course students in care, selection and repair of farm machinery and drainage.

HORTICULTURAL DEPARTMENT

The annual report of the Department of Horticulture for the past year is summarized under the headings, firstly, *Lecturing and Practice* in connection with the regular course at this school; secondly, *The Work and Development of the Horticultural Department*, embracing the grounds, campus, garden and orchards, and thirdly, *General Extension Work* along several lines.

Throughout the school year, lectures and practical instruction was given to the students in the several branches of Horticulture, namely, Pomology, Floriculture, Vegetable Gardening and Landscaping, as well as in the following subjects: Botany, Entomology, Genetics and Farm Forestry.

The students in Household Science and students attending the Agricultural Short Course receive a number of lectures in Horticulture and Home Beautification.

The department is responsible for the care of the lawns and school campus of approximately eight acres, and orchard of about twelve acres and a garden of two acres. After the exceptionally severe winter of 1933-34 it was found necessary to replace a number of apple trees that had been killed. The young trees despite two dry and difficult growing seasons, are progressing satisfactorily, and it is worth recording that the one-year-old trees are today practically as large as the two and three-year-old stock planted during the Spring of 1934 and show considerably less winter injury. In midsummer a promising crop of apples was severely damaged by a severe hailstorm. The injured fruit was largely removed to enable the trees to recuperate. Each year an effort has been made to remove or build up some unsightly portion of the grounds and this work is now progressing on areas to the north of the students' residence between the Administration and Farm Engineering Buildings, and a low, poorly drained area near the south entrance. This work is done by the regular summer staff of the department and consequently can be carried on, only when

occasion permits. The general work has been very materially assisted by the addition of some new equipment, particularly a small orchard spray machine (two-cylinder engine) and a power lawn mower. The spray machine is giving satisfactory service with a saving in both time and materials. The lawn mower has relieved some of the horse work that was formerly necessary, though a second machine is required to mow the large lawn areas, particularly now that the trees and shrubbery have grown to a size that makes horse mowing a difficult and slow operation. A tool room was built within the large drive-shed, where all equipment is now stored and where conditioning and minor repairs of equipment can be economically and quickly accomplished.

The extension work during the past year covered a wide field of work carried on in the limited area of the strictly Eastern Counties. Lectures were given in orchard methods, suitable varieties of this district, in farm home planting and in vegetable gardening to the Agricultural Short Courses at Winchester and Williamstown, the Vegetable Growers at Mallorytown, the Horticultural Clubs at Hallville and Martintown, and to classes of pupils at several schools. Assistance was rendered to a number of schools both Public and High in the planning of grounds: in Grenville County six schools were visited: in Carleton County, three schools: three schools in Leeds: in Dundas, three: in Prescott, two, and in Glengarry and Stormont, four schools. Material in the form of herbaceous perennials was sent to several of these schools, from surplus stock on the Kemptville School Grounds. Assistance along similar lines was given to the officials of several cemeteries and parks. A number of visits were made to orchardists and gardeners seeking information and advice in connection with outbreaks of a more or less serious nature of either insect injury or plant infestation.

DEPARTMENT OF CHEMISTRY, SOILS AND FERTILIZERS

During the Spring and Summer of 1935 co-operative experiments in fertilizers were carried on with thirteen members of the Junior Class of the regular course. Through the generosity of the Fertilizer Division of Canadian Industries Ltd., the fertilizer material was supplied to these students who conducted the experiments on their own farms on the following crops: Potatoes, Alfalfa, Mixed Hay, Oats and Mangolds. These plots were all supervised and tests made of the soil and plant. The American Potash Institute have very graciously donated prizes to the winner of the competition which is judged not on results alone but rather on the interest shown by the student: the care taken of his plot, and the knowledge gained from his work.

From similar experiences carried on the year previous, residual results were followed up and soil tests made. The value of this work lies in giving the farmer valuable information on the deficiencies of his soil and recommending the correct fertilizers to apply for his various crops.

Several tests were made on soils not connected with fertilizer experimental work, giving to the farmer the necessary information as to his soil condition and the necessary steps to take in improving his soil production.

Five meetings were attended during the year at Hallville, Kars, Merrickville, Ramsayville and Navan, which were attended by a total of approximately 200 people, when subject matter dealing with soils and fertilizers were discussed.

During the latter part of the year test solutions were prepared and made available for testing mastitis in cattle. Seven test solutions were distributed during March, and indications point to an increased demand for this material.

APICULTURE DEPARTMENT

The Apiary located at the school is small, keeping only sufficient bees for demonstrational work and supplying honey for the School Residence. During the Summer of 1935, six colonies were taken from Winter quarters and with an increase of eight colonies were put in Winter quarters in the Fall. Honey production during the season was only fair, with the light honey being rather scarce and of poor quality, due to the hot dry season. The dark honey possessed a much better body with a better production.

During the summer several visits were made to various Apiaries rendering assistance and advice in management and procedure. American Foul Brood was located in several areas and the colonies destroyed.

In June, 1935, one group of Eastern Ontario Beekeepers met at the school with an attendance of approximately 50, when various matters dealing with bee management and honey marketing were discussed by the Provincial Apiarist, Mr. T. H. Shields of Honey Producers' Co-operative, Toronto, and Mr. Jarvis of the Honey Federation Association, Guelph.

During the early part of the Spring of 1936 the room utilized for Apriculture demonstration in the Main School Building was removed to a very suitable location in the basement of the residence, leaving the room vacated available for a very necessary Bacteriology and General Science Laboratory.

HORTICULTURAL EXPERIMENT STATION, VINELAND

INTRODUCTION

This report of the work of the Horticultural Experiment Station deals entirely with the various projects in plant breeding. The purposes in mind, the extent of the work, and the results to date are briefly noted.

Extensive, systematic breeding work is being carried on with all of the commonly grown Ontario fruits, and with several vegetables, more particularly asparagus, cucumbers, melons, peppers, rhubarb, sweet corn, tomatoes (greenhouse and outdoor).

NURSERY INVESTIGATIONS

East Malling Apple Stocks

In the fall of 1929, a five-acre apple stock orchard was planted. A number of the *East Malling* (*Eng.*) clonal apple stocks were used in comparison with *French Crab* seedlings, the common apple stock of Southern Ontario. At the end of six years in the orchard, there seems to be no reason for recommending *Malling XVI* as a general standard stock, though for *R. I. Greening* it seems to be superior to French Crab seedlings. The dwarfing stocks have induced early bearing and heavy crops in the early years. *Malling IX* gives

fruit of high color, part of which may be due to earlier maturity. The per tree yields (lbs.) to date, average of five varieties, are as follows:

French Crab Seedlings		East Malling Stocks			
		XVI	I	II	IX
16.5	.....	16.1	20.8	26.3	40.5

When one considers that the very dwarf trees on Malling IX stock can be planted 12 x 12 feet, and that 40 x 40 is necessary for trees on French Crab seedlings, a very marked difference in per acre yields in the early years is demonstrated.

Pear and Cherry Stocks

Layered quince and seedling pear are being compared as stocks for several varieties of pear, both at the Station and in a commercial orchard. A number of sweet cherry varieties budded on Mazzard and Mahaleb seedlings have been sent out to several growers, for purposes of comparison under various conditions.

Heading Young Fruit Trees

The common nursery pruning practice with one year fruit trees (whips) left in the nursery row for future sale is to head back at a point about 30 inches above the bud union. This usually means the removal of one to two feet of wood growth. Experiments at this Station and in a commercial nursery have shown that this pruning dwarfs the trees to a measurable extent. *Bartlett* and *Kieffer* pears and *McIntosh* apples develop very much more desirable heads if the one-year whips are left full height, and the trees grade up better because of the greater leaf area on the longer trunk. With sweet cherries and some varieties of apples and plums, leaving the one-year whips full length does *not* give desirable heads, because branching occurs almost altogether near the tip of the trunk.

A POTASH RESPONSE IN A POTASSIUM DEFICIENT SOIL

The value of potash in a soil definitely deficient in potassium has been strikingly demonstrated in a block of seedling apple trees on the Station grounds.

Fifteen hundred apple trees, seedlings of the variety *Salome*, were planted in 1931. By mid-July of that year, the leaves on many of the trees presented an appearance suggestive of severe spray injury, although they had received no spray whatever. Hot drying winds were suggested as a possible cause.

The trouble appeared again in 1932, however, indicating some cause more fundamental than weather conditions. Reports from England dealing with mineral deficiency problems, and describing the foliage symptoms of potassium deficiency, strongly suggested this as the probable cause.

Accordingly, in the fall of 1932, one hundred trees in the north-west corner of the seedling bock were used for a simple comparative test, half the trees receiving an application of fifty per cent. muriate of potash, and the other half (every other tree in each row) being left as checks, untreated. The potash was applied September 2nd-3rd, and, in order to insure immediate availability to the tree, it was applied in the following manner. The soil

immediately around the tree, for a distance of approximately eighteen inches on all sides, was removed down to the uppermost main roots. Three-quarters of a pound of potash was applied to each tree, and then the soil was replaced.

The following spring (1933) the results from the potash applications were very evident. Throughout the summer the untreated trees showed severe marginal burning of the leaves, while the treated trees showed only occasional burning. This difference in foliage condition was reflected in greatly increased growth of the treated trees.

By 1934 there was some indication that the effect of the potash application was beginning to wear off. In September of that year a further potash application of two pounds per tree was therefore made. This time it was simply applied to the surface of the soil around the tree, and thoroughly worked in by hand cultivation.

Growth measurements of the treated and untreated trees have been made from time to time. At the beginning of the experiment the forty-nine untreated trees had an average trunk diameter of .66 inches, and the fifty treated trees averaged .70 inches. By the fall of 1934 the treated trees had increased .55 inches in diameter or over one-half inch, whereas the untreated trees had increased .26 inches only. Figures for 1935 show that this diameter increase is being maintained, the treated trees having increased 1.007 inches and the untreated trees .48 inches since the inception of the experiment.

JORDAN GRAPE EXPERIMENT

The seventh year of annual application of fertilizers to a four-acre block of Concord grapes in the Hague has now been completed. There is still no indication that fertilizers have affected the sugar and acid content of the grape. There is a slight indication, however, that very severe pruning resulted in better quality fruit, but at the same time there was a decided reduction in the weight of crop removed. Green manure crops grown on certain plots, and the addition of dry straw at the rate of two tons per acre, resulted in increased growth as measured by the weight of prunings. For the past two years certain of the plots have been pruned according to the vigor of the vine, and it was hoped that in this manner increased fruiting might result. However, while the straw plots gave a 38.6 per cent increase in growth, as measured by the weight of prunings, the yield showed an increase of only 16.5 per cent over the normal.

In the various plots receiving nitrate of soda at different times, there was still no evidence as to which time of application was best. These plots were therefore changed to lime plots receiving an application of 1,500 pounds of hydrated lime per acre. As the phosphorus of the soil was 5.5 to 6.0, it was thought that neutralization might liberate some mineral constituents to the plant.

It would appear that up to the present time most of the mineral fertilizer has remained in the top layer of soil in which very few roots are found. Some means of applying fertilizer at root level may be necessary, before an immediate response in the plant can be expected.

No further potash analyses were made of the soil samples from this experiment. This is due to the apparent lack of a quick and reliable method of analysis, which will give consistent results. Work is now under way to devise such a method.

SMALL FRUITS

Strawberry Root Rot

Owing to the ravages of *root rot* in strawberry plantations, a project was started which has as its aim the production of clean rooted plants. During the past year the work was mostly a study of methods of procedure, but it is hoped from experience gained that a satisfactory method can be worked out, which will enable this Station to produce clean rooted plants on a comparatively large scale and at a reasonable cost. These plants would serve as foundation stock for plant growers, who were equipped with suitable land for growing clean rooted plants on a commercial scale. This project has grown out of the strawberry root rot studies, which have been under way at this Station for some years.

Strawberry Breeding

New breeding work with strawberries is held in suspense at the present time, although a number of selections from former breeding are being carried along. These will all need to be tested as to their resistance to *root rot* organisms, and new breeding work will be undertaken with *root rot* resistance as a main consideration.

Raspberry Nutrition

The fertilizer experiment with the red raspberry which was started in 1930 was brought to a conclusion in 1935. It has been written up as a scientific article, for publication in *Scientific Agriculture* in the near future. The main results were that nitrate of soda increased yields in a wet season (1932), and depressed yields in dry seasons (1933 and 1934); superphosphate gave practically no results, and potash gave marked increases in yields. This particular soil was moderately well supplied with readily available phosphorus, but was quite low in available potassium.

During the early summer of 1915, a preliminary survey of raspberry plantations was undertaken, the main object being to discover if there was any correlation between soil conditions, exposure, etc., and winter injury. This involved a study of the condition of the plants, soil type (chemical and physical study), drainage, exposure to prevailing winds and cultural methods practiced by growers.

With only one year's work it is difficult to come to definite conclusions; however, efficient soil drainage was stressed by most growers.

VEGETABLE BREEDING

Seedling asparagus plants from selected high yielding individual plants have been set out in a series of test plots. Notes have been taken on the early growth characteristics, and the first yield records will be taken during the 1937 season.

Definite progress has been made in the tomato breeding project, to develop a mould resistant tomato suitable for greenhouse culture. The *Red Currant* tomato is practically immune to the mould (Cladosporium fulvum), but, as the fruit is extremely small, it has no commercial value. By frequent crossing back, however, to the larger parent variety used (*Potentate*), a commercial size has been attained, together with outstanding resistance to the mould.

Many new varieties of tomatoes are being tested in the greenhouse. Frequent visits by growers to discuss varieties and cultural methods indicate the commercial interest in this crop.

Outdoor tomato variety testing and breeding work is being continuously carried out, to develop early types suitable for staking as well as for canning factory purposes. Recently a new project was undertaken to improve the Italian types, by crossing with some of our best larger fruited varieties. A variety with large fruits, plus the solid flesh of the Italian type and good yielding characters, is desired.

SWEET CORN BREEDING

A number of hybrids have been produced, which show promise of being of commercial value. Several small lots of hybrid seed have been distributed to growers for trial; and one of the large canning companies is interested in one hybrid, and wishes to give it a commercial canning test.

Similar variety testing and selecting, or breeding work, are being carried on with various crops, such as peppers, eggplants, beets, cabbage, celery, cucumbers, lettuce, melons, onions, rhubarb, etc.

EXTENSION

Spray Service

This service was provided for 1,025 fruitgrowers living in the Niagara District, and twelve circular letters dealing with the different sprays for all fruits commercially grown in the district were mailed to these growers. The entire mailing list of growers was brought completely up-to-date during the winter of 1935-1936.

Orchard Problems

Quite severe injury to fruit trees was caused by rabbits and mice during the winter of 1935-36, and 600 copies of a circular on *Repair Grafting for Girdled Trees* were distributed throughout the Province, largely through the agricultural representatives. Copies were also sent to the county papers, thus giving it considerable publicity. Growers in practically all parts of Ontario, where fruit is grown commercially, were visited in their orchards, where advice and suggestions were given on orchard problems. Prospective purchasers of fruit farms or of land intended for the growing of fruit were offered suggestions in the selection of soil and location suitable for their purpose. Information on fruits was collected for publication in the Ontario Crop Outlook Report.

Enforcement of the Ontario Fruit Pests Act

In co-operation with the Provincial Entomologist, various inspections were made to help in the enforcement of this Act. Part of the work was in connection with the *Orchard Certification* for export of apples, and part in connection with the regular inspection of nursery stock, for keeping in control certain insects, such as San Jose' Scale, and to prevent its dissemination in the stock sold by nurseries. Accounts of the municipalities employing fruit pest inspectors were inspected, in accordance with the requirements of the Act. The premises of canning factories were inspected, to ensure proper sanitary measures

were being taken to prevent the spread of the Oriental Fruit Moth as required in the Act.

Growers' Meetings

During the year, members of the Horticultural Experiment Station staff addressed sixty-five meetings of fruit-growers and students, with an average attendance of over fifty-two at each meeting, or a total of 3,404 persons. All subjects relating to fruit and vegetable growing, which were of the most vital importance at the time, were discussed at these meetings.

ARTICLES AND BULLETINS PUBLISHED DURING THE YEAR

Technical

1. *Results with Fertilizers on the Red Raspberry.* Strong, W. J. *Scientific Agriculture.*

2. *Malling Stocks and French Crab Seedlings as Stocks for Five Varieties of Apples.* Upshall, W. H. *Scientific Agriculture.* 15:8, 535-541 (1935).

3. *Growth of Fruit Tree Stocks as Influenced by a Previous Crop of Peach Trees.*....Upshall, W. H. (With Prof. G. N. Ruhnke, O.A.C., Guelph). *Scientific Agriculture,* 16:1, 16-20 (1935).

Popular

1. *Root Rot of Strawberry.* Strong, W. J., *Canadian Horticulture.*

2. *Fertilizers for Red Raspberries.* Strong, W. J., *Canadian Horticulture.*

3. *Strawberry Growing.* Strong, W. J., *Norfolk Agricultural Journal.*

4. *Some Results of Mineral Deficiency Studies.* vanHaarlem, J.R., *Canadian Horticulture.*

5. *Correct Naming of Some Fruit Varieties Commonly Confused.* Upshall, W. H., *Canadian Horticulture.*

6. *Prospects for Ontario Grown Fruit.* Goldie, J. A., *Canadian Horticulture.*

Bulletins Revised

1. *The Strawberry in Ontario.* Strong, W. J.

2. *The Raspberry and Blackberry in Ontario.* Strong, W. J.

WESTERN ONTARIO EXPERIMENTAL FARM

RIDGETOWN

FOREWORD

The spring of 1935 was exceptional. Oats were sown in March, when the land was in remarkable condition. Plowing was completed much earlier than usual. The season was more favourable for working than for growth. The early part of April was rather cold and growth was consequently slow. Wheat did not develop and some crops deteriorated due to consecutive days of high, cool winds. None of the wheat was, however, entirely killed.

Although the rainfall during the entire growing season was under requirements, it was nevertheless sufficient during the earlier part to give the crops an excellent start and was so evenly distributed into August that all crops developed satisfactorily.

RAINFALL

The rainfall during the growing season of 1935 was as follows:

April	2.53 inches
May	2.44 inches
June	2.50 inches
July	3.07 inches
August	2.20 inches
September	1.91 inches
October	1.67 inches
Total	16.32 inches

FIELD CROPS (Experimental Farm, 1935)

Oats	1,526	bushels	from	22	acres	69	+	bushels	per	acre.
Wheat	816	bushels	from	31	acres	26	+	bushels	per	acre.
Corn	2,200	bushels	from	19	acres	115	+	bushels	per	acre.
Barley	350	bushels	from	10	acres	35		bushels	per	acre.
Beans	790	bushels	from	27	acres	29	+	bushels	per	acre.
Tobacco	7,593	pounds	from	4.5	acres	1,687	1/3	pounds	per	acre.
Soy Beans	130	bushels	from	3.5	acres	37	+	bushels	per	acre.

STEERS

Purchased 20 head, November 5th, 1934, at Winnipeg, at 4 cents per lb.		
Total weight	18,840 lbs.	
Weight per steer	924 lbs.	
Total cost	$739.20	
Total cost of feed	360.00	
Sold April 4th, 1935, 19 head, weight 22,700 lbs., at 6 cents per lb.		$1,532.25
And 1 steer, weight 960 lbs., at 6 cents per lb.		57.60
Total selling price		1,589.85
Gain per steer	259 lbs.	
Total gain	5,180 lbs.	
Gain in total selling price over total cost price		$850.65
Net gain, after deducting cost of feed		$490.65

BEAN EXPERIMENT

Three strains of Robust beans, which had been obtained from Ithaca, Michigan and Wisconsin a few years ago, were again planted, the seed being from the 1934 crop. During the summer of 1934 the plots were rogued for mosaic, and during the winter months the seed was hand-picked to remove any anthracnose that could be noticed.

Plots were sown the first week of June and were inspected for mosaic on July 10th, July 23rd and August 1st. On July 10th and August 1st no infected plants were found. The rows were about twenty-five rods long; the Michigan plot had twenty-four rows, the Wisconsin thirty-six rows and the Ithaca twenty rows. In the Michigan plot only two mosaic plants were found, in the Wisconsin plot eight and in the Ithaca plot eleven plants. All plants were only slightly affected.

Plots were inspected for Anthracnose on September 4th, at the time of pulling. The percentage of pods affected is as follows:

Michigan	1.8%
Ithaca	1.5%
Wisconsin	2.5%

The percentage is much lower in each case than that of the previous year, which fact is no doubt due chiefly to weather conditions for a short period before pulling.

LATE POTATO EXPERIMENT—DUSTING AND SPRAYING

Three plots were planted with Dooley potatoes; two plots were for spraying and dusting were each two-fifths of an acre in size and the check plot one-fifth of an acre. Spraying and dusting were started on July 23rd, when the plants were about eight inches high. Power machinery was used. One plot was sprayed five times between July 23rd and August 21st, with Bordeaux Mixture (4-8-40); from eighty to one hundred gallons of spray were used per acre. The second plot was dusted with Copotex five times between the dates of

July 23rd to August 31st. From thirty to forty-five pounds of dust were used per acre. The larger quantity for both spray and dust was used according as the tops increased in size. The third plot was left as a check. The yield per acre was lower than usual owing to weather conditions during the latter part of the summer. The results are shown in the following table:

	Treatment	Yield in Bushels per acre Marketable	Small
Plot 1.	Spraying	166.5 bushels	15.3 bushels
Plot 2.	Dusting	162.0 bushels	20.4 bushels
Plot 3.	Check	149.2 bushels	15.9 bushels

CELERY EXPERIMENTS—DUSTING AND SPRAYING

This work in celery was carried on for the purpose of comparing dust and spray as a means of controlling early and late blight. One spraying took place in the seed bed and six dustings and spraying in the field during the period July 10th to August 31st. From eighty to one hundred gallons of spray were used per acre at each application, and from thirty to forty-five pounds of dust.

No late blight developed, but there was evidence of a slight early blight in both the sprayed and the dusted plots. In the check plot this became quite severe. In order to compare the results of the sprayed, dusted and check plots, three separate tests were made when the plants were dug up. In two of these tests the plots were weighed twice, firstly after the dirt and roots were removed, and secondly after the waste was removed and only the marketable part remained. In the other remaining test, one of the two made on September 23rd, the marketable part was not weighed. Some plants were lifted on September 23rd and others on October 4th. The following shows the results:

September 23rd— Treatment	6 PLANTS	
Spray	gross weight 9 lbs. 15 oz.	
Dust	gross weight 8 lbs. 12 oz.	
Check	gross weight 5 lbs. 3 oz.	

September 23rd— Treatment	10 PLANTS	Marketable
Spray	gross weight 14 lbs. 8 oz.	9 lbs. 12 oz.
Dust	gross weight 11 lbs. 8 oz.	8 lbs. 8 oz.
Check	gross weight 9 lbs. 8 oz.	6 lbs. 4 oz.

October 4th— Treatment	10 PLANTS	Marketable
Spray	gross weight 13 lbs 8 oz.	10 lbs. 8 oz.
Dust	gross weight 13 lbs 8 oz.	10 lbs. 8 oz.
Check	gross weight 10 lbs. 4 oz.	7 lbs. 4 oz.

From the above figures it will be seen that the average weight of the plants when pulled is as follows:

Spray	23 oz.
Dust	21 oz.
Check	15 oz.

FERTILIZER EXPERIMENTS

(a) On Sugar Beets

Fifteen years ago, 3-9-6 was used very largely for sugar beets. After a series of field tests a 2-12-6 became the standard, but later tests showed definite advantage by raising the mixture to a 2-16-6. Many questions were then raised as to the amount of potash used and regarding the advisability of increasing the phosphate and potash content of sugar beet fertilizers.

An experimental programme was outlined whereby the four fertilizers, 2-12-6, 2-16-6, 2-12-10 and 2-16-10, were to be thoroughly tested annually over a period of five years by private growers in the Ridgetown vicinity on their own premises. These experiments are directly under the supervision of the Experimental Farm. During the past year nineteen growrs conducted such experimental work, and a summary of the results is given as follows:

SUGAR BEETS

Fertilizer and Rate of Application per Acre	Value of Yield per Acre	Cost of Fertilizer	Value of Yield Per Acre after Deducting Cost of Fertilizer
2 - 12 - 6 @ 213 lbs.	$47.47	$3.14	$44.33
2 - 12 - 6 @ 213 lbs.	50.39	3.51	46.88
2 - 12 -10 @ 213 lbs.	48.41	3.41	45.00
2 - 16 -10 @ 213 lbs.	50.82	3.77	47.05

Note: The results on sugar beets were based on prices paid to the growers by the factory at Chatham.

(b) On Beans

Considerable controversy has been waged regarding the influence of artificial fertilizers upon the yield of field beans. During the past thirteen years tests have been made but to date no recommendation other than farmyard manure and clover has been offered to the public. Last season, various tests were made with the rarer fertilizer constituents, but nothing definite was obtained. This work will be continued.

Every commercial strain of white pea beans obtainable is tested, in the hope that one may be secured which will outyield the present strains and also show greater freedom from diseases such as Anthracnose and Mosaic.

(1) MANURE VS. NO MANURE

Soil Treatment	Yield per Acre
Manure @ 12 spreader loads per acre, plus 4-8-10 @ 250 lbs. per acre	39.4 bushels
Manure @ 12 spreader loads only	37.5 bushels
4-8-10 @ 250lbs. per acre only	37.1 bushels
No Manure or Fertilizer	32.5 bushels

(2) FERTILIZER APPLIED AT 250 LBS. PER ACRE

Fertilizer	Yield per Acre	Increase over Check	Value of Increase	Cost of Fertilizer
2-12-6	39.9 bushels	1.1 bushels	$1.65	$3.69
4-12-6	41.4 bushels	2.6 bushels	3.90	4.37
6-12-6	40.4 bushels	1.6 bushels	2.40	5.06
2-16-6	42.2 bushels	3.4 bushels	5.10	4.12
0-12-6	41.4 bushels	2.6 bushels	3.90	3.22
0-12-10	42.5 bushels	3.7 bushels	5.55	3.50
2-12-10	40.7 bushels	1.9 bushels	2.85	4.00
0-16-0	40.9 bushels	2.1 bushels	3.15	2.44
None	38.8 bushels			

(3) VARIETY TEST

Variety	Yield per Acre
Dawn	41.6 bushels
Zavitz	41.6 bushels
Robust	40.0 bushels
Michigan	40.0 bushels
Ithaca	38.3 bushels
Maynard	38.3 bushels
Wisconsin	37.9 bushels
Northwood	37.5 bushels
Steen 4	36.6 bushels
Steen 3	36.6 bushels
Ithaca 1986	36.2 bushels
E. F. R.	35.8 bushels
Steen 2	35.0 bushels
Armstrong	30.8 bushels

(c) On Corn

Fertilizer and Rate of Application	Yield per Acre Bushels	lbs.
4-12-6 @ 250 lbs.	72	50
4-16-6 @ 250 lbs.	69	17
0-16-0 @ 250 lbs.	72	28
0-12-6 @ 250 lbs.	72	28
8-12-6 @ 250 lbs.	72	0
4-12-10 @ 250 lbs.	70	39
4-12-16 @ 250 lbs.	69	17
4-12-0 @ 250 lbs.	71	39
Average of 5 checks	66	28

Note: The fertilizer was placed below the corn.

(d) On Fall Wheat

Fertilizer	1930		1931		1932		1933		4-year Average	
	bus.	lbs.	bus.	lbs.	bus.	lbs.	bus.	lbs.	bus.	lbs.
0-16-0	45	0	39	10	27	40	30	20	35	32
0-12-4	42	10	39	10	27	40	28	50	34	27
2-12-2	41	10	40	10	27	40	30	50	34	57
2-12-4	44	0	39	30	31	0	30	40	36	17
2-12-6	45	50	39	20	27	40	30	40	35	52
4-12-4	41	30	40	20	28	0	31	0	35	12
6-12-4	43	10	40	10	32	0	29	40	36	15
2-10-4	44	0	40	40	32	40	28	40	36	30
2-8-4	43	20	40	30	32	20	27	40	35	57
Check	39	30	38	50	26	0	26	40	32	45

Note: In 1934 the wheat was winter killed. In 1935 the wheat rusted so badly that it was used for feed only. Fertilizers give definite, though not large, results every season.

Rate of fertilizer per acre is at 200 lbs.

SWINE

Fifty pigs were placed on a feeding trial, for the purpose of testing the influence of alfalfa upon the quality of the finished product. The concentrate was the same as is used at the New Hamburg Feeding Station.

Pigs from six litters were used, and every litter was divided, one pen being tested on alfalfa and the other fed on a check ration. Check rations were the same in every case. Pens one and two, three and four, etc., were from the same litter; pen five had to be withdrawn. The demand for sows was so keen that most of the pigs in pens four and six were sold for breeding; this did not interfere with the test, however, as they were both on the check ration. The following tables sum up the results of the alfalfa test:

Pen	No. Pigs	Weight Beginning lbs.	Weight as Sold lbs.	Gain lbs.	Quality Fleshing	Grade	Grain lbs.	Pounds Grain per lb Gain	Con-centrate lbs.	Pounds Conc. per lb. Gain	Alfalfa lbs.
1	4	189	834	645	2 Soft 2 Firm	2-A 2-B	1781	2.68	227	.352	352
2	4	215	795	580	2 Firm 1 Soft	1-A 2-B	1697	2.92	213	.367	
3	4	236	836	600	4 Firm	2-A 2-B	1937	3.228	253	.421	302
4	4	262	793	531	V. Firm	1-B	1781	3.35	223	.42	
6	5	411	1050	639			2053	3.21	246	.385	
7	4	251	812	561	2 Firm 1 Fair	3-A	1572	2.8	220	.392	447
8	4	258	837	579	4 Firm	3-A 1-B	1852	3.2	233	.402	
9	4	270	832	562	3 Firm 1 Soft (slightly)	4-A	1564	2.78	230	.409	434
10	5	373	1043	670	3 Firm	2-B	2204	3.29	274	.409	
11	6	386	1145	759	2 Soft 4 Firm	5-A 1-B	2418	3.18	330	.434	580
12	6	423	1196	773	5 Firm 1-V. Firm	4-A 1-B 1-B 3	2549	3.298	320	.413	

The alfalfa was cut just as the first bloom appeared. It was not quite as palatable as the alfalfa used for the previous test; a noticeable bitter taste was always present. As was the case in the previous test, the alfalfa ration appeared much more suitable for growing the pig than for finishing. The use of alfalfa in the ration should be discontinued when the pig weighs 170 pounds. In every case the pigs fed alfalfa matured more slowly. Two of the pigs, graded soft in the alfalfa pens, were underfinished, and consequently this fact influenced the quality.

There is, however, a definite place for alfalfa of good quality in the ration for pigs weighing from 70 to 170 pounds. The introduction of it into a ration should be very gradual. It should never exceed from twenty to twenty-five per cent of the entire ration at any time, unless rack feeding of unground alfalfa is practised, in which case the pig does the choosing. When the two carcasses mentioned above which graded soft in the alfalfa pens are eliminated, there is but very slight evidence that alfalfa influenced the quality adversely. There is ample proof that large quantities of corn may be used in balanced rations. Corn composed sixty-five per cent of the check, and eighty per cent of the other rations.

NEW LISKEARD DEMONSTRATION FARM

FOREWORD

The New Liskeard Demonstration Farm, after being closed and rented for two years, was reopened under the supervision of the Agricultural Representative in April, 1935.

All the help employed on the farm were farmers' sons who had been active in club work. These boys appreciated the opportunity of gaining this experience, and gave faithful service. Three boys handled the work, with the exception of haying and harvest, when extra local help was used.

The farmers of the district greatly appreciate the fact that the Department have seen fit to reopen the farm. They are looking forward to the time when it will be possible for them to get good foundation stock for their flocks and herds. The idea of using farm boys has the advantage of giving them first-hand information that they can take home and apply on their own farms. The idea could be carried still farther with those that prove themselves worthy of help and if conditions warranted it, and that is to assist them in getting established on farms of their own under the supervision of the Farm, by loaning them foundation stock to be repaid over a period of years. One or two boys so placed annually over a period of years would prove not only a great benefit to the boys, but would have a beneficial effect on the whole district, as each farm established would become a live stock centre in itself with the Demonstrtion Farm as a base of supply for seed grain as well as stock.

The season was considered about average for Northern Ontario. Work on the land commenced on April 24th and harvesting commenced on August 12th. One hundred and fifty acres of hay were harvested, which averaged one and a half tons per acre and twenty acres of timothy were cut for seed.

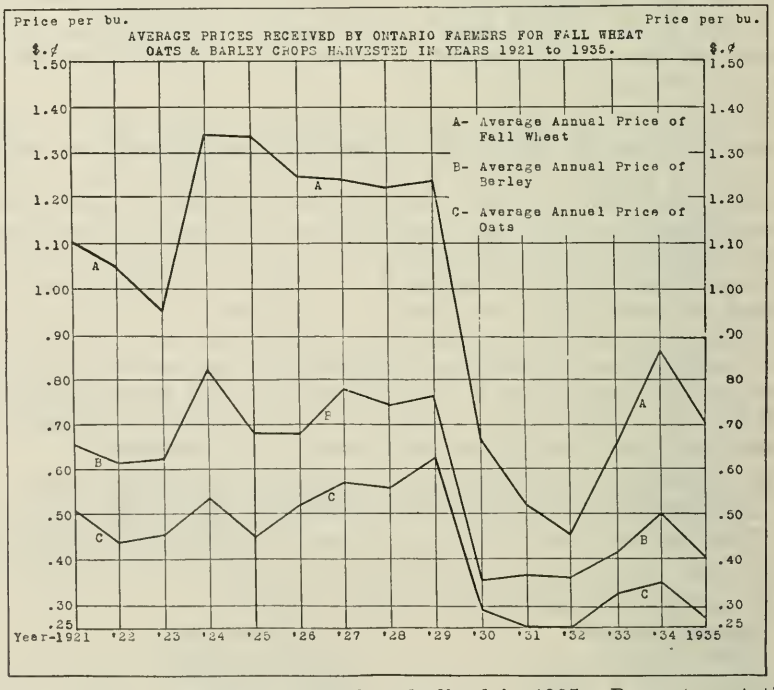
The yields of the grain crops were as follows:

Marquis Wheat	19 bus. per acre.
Velvet Barley	48 bus. per acre.
O.A.C. No. 21 Barley	39 bus per acre.
O.A.C. No. 3 Oats	55 bus. per acre.
Alaska Oats	48 bus. per acre.

STATISTICS AND PUBLICATIONS BRANCH

For the third successive year, the gross value of agricultural production in Ontario showed an increase over the preceding year. The value in 1935 was estimated at $313,077,000, as compared with $304,277,000 in 1934, representing a gain of $8,800,000. This increase was less than that recorded in either 1933 or 1934, when gains over the preceding year amounted to $33,000,000, and $23,500,000 respectively; nor was it as large as hoped for at the commencement of the year. Nevertheless, the rise in value is distinctly gratifying when compared with that of the Dominion as a whole, which recorded a gain of only one-half million dollars, the total revenue being $943,081,000 in 1935 as against $942,565,000 in 1934. Decreases in revenue from the preceding year were reported for Prince Edward Island, Quebec, Manitoba, and Alberta, while Nova Scotia, New Brunswick and British Columbia each showed an increase of less than $2,000,000. Saskatchewan with a rise approximating $22,700,000, due principally to more normal grain yields as compared with exceptionally poor yields in the previous year, was the only Province to have an increase in farm revenue of greater extent than Ontario.

A study of the principal sources of farm revenue in Ontario reveals that income from field crops declined, but increased in the case of practically all other items of farm production. The value of field crops, as a result of lower per unit prices, declined from $143,734,000 in 1934, to $131,141,000 in 1935, or by the fairly substantial sum of $12,593,000. Returns from live stock rose from $34,089,000 to $43,334,000, and dairy products from $80,018,000 to $85,072,000. The gain in income derived from poultry and eggs amounted to $1,451,000; from fruit and vegetables to $2,002,000; and from tobacco to $3,779,000.



Grain prices advanced in 1933 and 1934 but declined in 1935. Present quotations are considerably below the level of prices which prevailed from 1921 to 1929.

The gross annual agricultural revenue of Ontario for the years 1931 to 1935 is set out in the table below. The estimates for 1935 are preliminary, and subject to revision. No allowance has been made in these calculations for the portions of crops used for seed, and in the feeding of live stock. Because of these duplications the totals represent gross values.

GROSS ANNUAL AGRICULTURAL REVENUE OF ONTARIO, 1931-1935
("000" omitted)

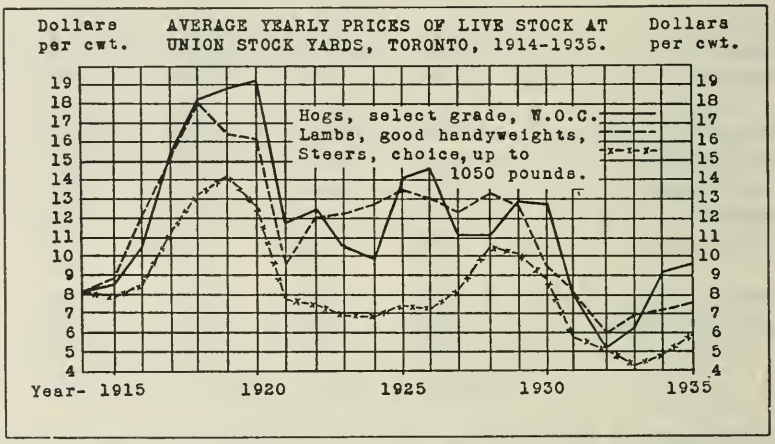
	1931	1932	1933	1934	1935
Field Crops	$124,541	$116,424	$135,813	$143,734	$131,141
Farm Animals	33,486	21,957	31,500	34,089	43,334
Wool	458	287	553	479	575
Dairy Products	82,155	69,079	74,117	80,018	85,072
Fruits and Vegetables	16,424	12,733	12,553	16,375	18,377
Poultry and Eggs	25,067	18,565	16,294	19,464	20,915
Fur Farming	603	644	721	704	640
Maple Products	1,563	888	720	1,040	1,161
Tobacco	6,814	5,703	6,204	6,338	10,117
Flax Fibre	179	170	159	150	161
Clover and Grass Seed	1,110	615	1,079	857	710
Honey	824	619	895	1,029	864
Total	$293,224	$247,684	$280,608	$304,277	$313,077

The acreage of the principal field crops increased from 9,000,000 to 9,106,000 acres. Fall wheat was not winter-killed to the same extent as in the preceding two years, and the harvested acreage amounted to 555,000 acres, as against 425,600 acres in 1934; barley increased from 484,900 in 1934 to 523,000 in 1935; other crops showing a gain included alfalfa, dry beans, corn for husking, and fall rye. The area devoted to hay and clover was reduced by approximately 90,000 acres from the previous year: buckwheat declined 6,000 acres; mixed grains 15,000; potatoes 15,000; oats 14,000, and alsike 8,000. The yield per acre of grain and hay and clover crops was very satisfactory, and all parts of the Province harvested more abundant supplies of winter food-stuffs than for some years. The combined production of wheat, oats, barley and rye amounted to 117,904,000 bushels, as compared with 105,660,000 bushels in 1934, and 94,187,000 in 1933. The total yield of hay crops (hay and clover, alfalfa, alsike and sweet clover) was 6,907,000 tons, as compared with the short crop of only 4,286,000 tons in 1934, and 6,183,000 tons in 1933. Potatoes and root crops suffered from an extended period of drought during the latter part of July and August, which resulted in yields considerably below average.

Numbers of horses, cattle, and sheep on farms in Ontario declined slightly from June 1st, 1934, to June 1st, 1935, while swine and poultry increased. The horse population was 562,900 in 1935, as against 563,700 in 1934. Cattle holdings decreased from 2,494,500 head to 2,469,200, and sheep and lambs were down 16,500 at 945,700, as compared with 962,300 a year earlier. The total number of all classes of poultry amounted to 22,961,800 on June 1st, 1935, as compared with 22,802,600 at the same date in 1934.

Production of creamery butter established a new record in 1935, when the quantity made amounted to 82,763,700 pounds. In 1934 the amount manufactured was 81,630,200 pounds. The persistent downward trend in cheese production was halted. Cheese factories reported the make at 75,449,900 pounds, as compared with 73,431,000 pounds in 1934. Prices of dairy

products showed a small improvement. Prices of creamery butter were considerably lower in the first four months of 1935 than in the same months of 1934, but from July onward to the end of the year prices were higher, and the average of the quotations for the year showed a gain of slightly less than one-half cent per pound. Quotations for cheese also averaged about one-half cent per pound higher in 1935 than in 1934. The price of whole milk delivered at Toronto dairies was raised to $2.10 per cwt. in October, 1934, and remained constant at this level throughout 1935.



Prices of live stock are appreciably higher than in 1932-1933. Lambs and steers are still below the level of 1914 and, together with hogs, are very much below the annual average prices paid in the years 1919-1920.

Ontario farmers did not suffer as greatly from the fall in prices of grains as those in other Provinces, where a greater percentage of the field crop production is disposed of for cash. In Ontario the net revenue from field crops depends very largely upon the price of live stock. Cattle and calves sold for substantially higher prices in 1935 than in 1934, while the price level of hogs, sheep and lambs showed a moderate advance. The trend of live stock prices since 1914, and grain prices since 1921, is clearly depicted in the accompanying graphs.

The statistical work of this Branch includes the preparation and publication of monthly reports relating to the condition and production of field crops, live stock and fruits. Average prices received by farmers for farm products are compiled from monthly price schedules completed by a large number of farm correspondents. The acreage of field crops, numbers of live stock and marketing intentions, are collected by means of a census of farms conducted twice a year, in June and December, with the co-operation of the rural school teachers.

The Annual Reports of the various Departments printed for distribution during the year were as follows:

	No. of Copies Printed
The Report of the Minister of Agriculture	1,500
Agricultural and Experimental Union	2,500
Agricultural Societies	5,000
Entomological Society	1,500
Horticultural Societies	5,000
Ontario Agricultural College and Experimental Farm	2,000
Ontario Vegetable Growers' Association	2,500
Ontario Veterinary College	1,500
Stallion Enrolment Board	2,500
Statistics Branch	6,000

During the year the following agricultural bulletins were printed for distribution:

Serial Number	Title	No. of Copies Printed
55	Home Mixing of Fertilizers	25,000
337	Parasites Injurious to Sheep	10,000
370	Testing Milk, Cream and Dairy By-Products on the Farm and in the Factory	5,000
379	Farm Poultry	25,000
380	Parasites Injurious to Swine	10,000
	Fertilizer Recommendations	10,000
	Turkeys	2,000
	Agricultural Societies' Act	1,000
	Ontario Agricultural Outlook Report	25,000

Farmers desiring literature on farming may secure a list of the available free bulletins by addressing an enquiry to the Director, Statistics and Publications Branch.

AGRICULTURAL AND HORTICULTURE SOCIETIES BRANCH

April 1st, 1935, to March 31st, 1936

AGRICULTURAL SOCIETIES

During 1935, Agricultural Societies were active to the number of 315. Four Societies which had operated the previous year remained dormant, and two new Societies were organized—Glengarry and East Stormont, and Clifford.

Fall Fairs

While other activities are increasing, the chief project of most Societies is the Fall Fair, of which 297 were held in 1935, being an increase of five over the previous year.

During the Fall Fair season, weather generally was favourable, but harvest was difficult and prolonged, and earlier climatic conditions were not conducive to high quality vegetables and grains. This factor reduced the total number of exhibitors, and in some cases attendance, also. While gate receipts were lower in many instances, other Societies showed an increase, and the average was about the same as in 1934. At most Fairs visited, a spirit of optimism prevailed, and plans were worked out to make these annual functions more educational.

Special Wet Weather Grants were paid to 51 Societies, compared with 45 in 1934. The weather during both seasons was more favorable than average. Owing to a reduction in the appropriation available from $10,000 to $6,000, only 42.2 per cent of gate receipts loss was paid, as compared with 90 per cent in the previous year.

Other Projects

For the maintenance of pure bred sires, 12 Societies received grants totalling $2,220.00, on the following number of animals:

Stallions..... 1 Bulls.....68 Boars.....27 Rams.....10

Three of these Societies conducted Fairs, but the other nine featured the maintenance of stock.

Interest in this work is increasing, three more Societies receiving grants than in 1934, while others purchased stock during the past year on which grants will be paid later. The Moore Society at Brigden, in 1935 purchased and maintained a good Clydesdale stallion, and the Lakehurst Society bought an imported Percheron sire. Boards in other places were responsible for bringing stallions into their respective communities.

Field Crop Competitions

In Field Crop Competition work, a forward step was taken as Registered Seed Grain and Certified Potatoes were required by the Regulations. In spite of this limitation, the number of Field Crop Competitions increased from 36 to 66, divided as follows:

Kind of Crop	Competitions	Entries
Oats	25	288
Barley	15	197
Corn	10	145
Potatoes	15	237
Wheat—Winter	1	12
	66	879

In addition, 10 Combined Competitions in Malting Barley were financed by the Ontario and Quebec Brewing Industry. Prizes for each totalled $105.00.

The same donors gave $18.00 to each of 60 Agricultural Societies for Special Malting Barley Classes at Fall Fairs. Prize money for Malting Barley Classes at three District Seed Fairs, three Winter Fairs, and the Western Fair at London, was provided, also, $50.00 being offered in each case.

Seed Fairs

Societies participating in grants for Spring Seed Fairs increased from 8 to 23. This was due, partly, to the encouragement of Joint Seed Fairs conducted by two or more Societies co-operating. County Fairs of this kind were held in the late winter, as follows:

County	Agricultural Society	Entries
DUFFERIN	Dufferin	
	Dufferin Central	32
HALTON	Acton	
	Esquesing	
	Halton	50
BRUCE	Carrick	
	Teeswater	73
PRESCOTT	Alfred	
	S. Plantaganet	
	Vankleek Hill	109
RENFREW	Arnprior	
	Renfrew	162
PARRY SOUND	Bonfield	
	Loring	
	Powassan	
	S. River	
TIMISKAMING	Trout Creek	78
	New Liskeard	
	Earlton	144

Independent Seed Fairs were held by the following Agricultural Societies: South Huron, Glengarry and East Stormont, Richmond Hill and Tavistock.

Spring Stock Shows were conducted by the Societies at Arthur, Forest, Seaforth, Fenelon Falls and Hensall.

Agricultural Society Classes for seed and grain were continued in co-operation with larger exhibitions. The purpose of this feature was to encourage members of Agricultural Societies to co-operate in community crop improvement. A total of 48 Societies competed, with the products of 240 farmer members.

The Richmond Hill Society conducted a competition for the "Best Managed Farm," based on the following score:

1—CROPS—Quality, trueness to variety, evenness of stand	20
2—APPARENT YIELDS—As indicated by height, thickness, evenness, maturity, etc.	20
3—CULTIVATION—General condition of the soil, with special reference to cultivation of hoed crops, summer fallow, etc.	20
4—FREEDOM FROM WEEDS—As indicated in crops, fence rows, pastures, around buildings, lanes, etc.	15
5—FENCES—Condition of fences and gates, size of fields, kind of fences, state of repair	10
6—GENERAL APPEARANCE—As indicated by uniformity of crops, general condition of pastures, woodlots, orchards, etc., balance between hay, grain, pasture and hoed crops	15
Total	100

This contest aroused wide interest in York County, and it was gratifying to note that several of the prize winners were managing farms which had been operated by the same families for over 100 years. One of the competitors led in this respect by a family record of over 140 years.

In Bruce and Grey, Societies offered a service in securing reliable fruit trees to replace those killed by the severe winter of 1933-34.

The Wilmot Society had several Agricultural Meetings for the discussion of local problems. Other Boards co-operated in such work as the Control of Animal Parasites. The Brigden and Harrow Societies held auction sales of approved bacon sows, in an effort to improve commercial hog production in the communities concerned.

HORTICULTURAL SOCIETIES

During the year, 269 Horticultural Societies were active; of these 29 were located in cities; 81 in towns; 116 in villages, and 52 in townships. While 13 Societies dissolved, or remained dormant, 8 new groups were organized, as follows: West Lorne, Charlottenburg, Pakenham, Wardsville, Malton, Downie Township, Galway and Somerville, and Schomberg.

The Ontario Horticultural Association was quite active during the year. A radio programme provided a Horticultural talk once a week from May 4th until the end of September. The number of requests for information following these talks was almost double that of the previous year.

The Association Exhibit in the Horticultural Building at the C.N.E. was a new feature. This educational display occupied an area of about 300 sq. ft., and attracted wide and favourable attention. It served as a focal point for members of Horticultural Societies from widely separated points in the Province, and in all contacts were made with representatives of about 70 Societies.

For the convenience of local Societies, the Ontario body provided standard records books, which were sold at cost to over 60 Societies during the year. An award ribbon was provided for 265 Societies.

The Ontario Association assisted also by defraying the travelling expenses of lecturers to 47 Society Meetings.

At the Annual Convention held in February, an educational exhibition was organized quite successfully. The following displays were included:

Tropical Fish and Aquatic Plants suitable for aquariums.

Collection of unusual House Plants, courtesy University of Toronto.

Collection of Paintings of Ontario Wild Flowers—Holmes, courtesy Toronto Art Gallery.

Collection of Butterflies.

Collection of Wood Veneers and Pictures of Trees, courtesy Men of the Trees.

Alpine Plants suitable for Ontario Gardens and planted in rocks.

Collection of Bird Houses.

Collection of Edible Nuts.

During the year, it was impossible for the Fieldman and Lecturer to satisfy the request for services. Addresses were given at 131 Horticultural Society Meetings, and 56 talks were delivered to Service Clubs and groups of school children. Horticultural lectures at seven Agricultural Short Courses were appreciated and a remarkable increase in juvenile work was reported.

ONTARIO VEGETABLE GROWERS' ASSOCIATION

Co-operation with Vegetable Growers was continued through the Fieldman who was called upon to address many meetings, to inspect crops and discuss problems. Marketing continued to be the most common difficulty, and much time was spent during the year assisting local groups in this respect.

Field Crop Competitions were conducted with entries as follows:

DISTRICT No. 1	Cabbage	10	
	Celery	8	
	Lettuce	9	
	Melons	11	
	Onions	12	
	Tomatoes	14	
	Gardens	7	
		71	Total

DISTRICT No. 2	Cabbage	5	
	Lettuce	2	(cancelled)
	Melons	6	
	Onions	6	
	Potatoes	8	
	Tomatoes	7	
	Gardens	4	
		38	Total
DISTRICT No. 3	Cabbage	10	
	Celery	8	
	Lettuce	6	
	Onions	6	
	Potatoes	9	
	Tomatoes	14	
	Gardens	7	
		60	Total

Vegetable Growers Branch Exhibits at the Canadian National Exhibition made a very attractive display. The following received awards:

1st —Toronto
2nd—Scarboro
3rd—Brantford
4th—Kingston
5th—Peterboro
6th—Whitby
7th—St. Catharines
8th—Credit Valley

Favourable autumn weather assisted in providing one of the finest vegetable exhibits ever arranged at the Royal Winter Fair. The Association Trophy for the grower scoring the greatest number of points was awarded to Messrs. Brown Bros., Humber Bay.

Considerable assistance was given to community garden committees, working with unemployed in several larger cities. Talks on cultural methods were given at 32 meetings, attended by an average of 50 men, who were keenly interested in gardening which to many of them was quite new.

ONTARIO PLOWMEN'S ASSOCIATION

Another year of progress may be reported for the Ontario Plowmen's Association. New Branches were organized in 1935, as follows: East Algoma (Algoma); Keppel (Grey); Wikwemikong Indian (Manitoulin); Woolwich Township (Waterloo); Haldimand and Brant United Indian.

In all 80 Branches were active and 79 Senior Matches were held. Interest in junior work was pronounced. Home Plowing Competitions were conducted in 13 Counties and 8 Junior Matches were organized.

In addition 26 Plowing Demonstrations were conducted for the instruction of young farmers.

Departmental Judges were furnished for over 70 Matches, 13 Home Plowing Competitions and all of the Demonstrations.

Special reference should be made to developments in Northern Ontario. Matches and Demonstrations have been held in most parts of the North and interest is increasing in Muskoka, Parry Sound, and particularly along the North Shore. Following the example of Eastern Ontario, several Branches in Algoma organized a Central Match at Bruce Mines. The Government Judge reported that very creditable work was done.

INTERNATIONAL PLOWING MATCH

The 1935 International Plowing Match was a record breaking event, both in attendance and in entries, which totalled 544. Weather was ideal, except that some of the alfalfa sod was too dry for the first class plowing.

Horse Shoeing Demonstrations provided a new educational feature which seemed to be greatly appreciated as the large tent was filled each afternoon.

The Inter-County Competition for juniors was keenly contested and aroused wide interest. Eighteen teams of three boys each entered and very excellent work was done by these young men, representing Counties as widely separated as Kent and Victoria.

Thousands of spectators daily visited educational displays provided by the following: Ontario Agricultural College, Central Experimental Farm, Provincial Board of Health, Ontario Hydro-Electric Power Commission, Ontario and Federal Departments of Agriculture.

The Horse Show for the best plow team, as usual, was an outstanding attraction, prizes for which were provided by the Federal Department of Agriculture, Ontario Horse Breeders' Association, T. A. Crow, esquire, and the City Dairy Co. Ltd. The top five prizes were awarded to the following:

Grant Summers, Aylmer.

Sam Schrane, Ayr.

W. Brown, Galt.

G. Cranston, Glanford Station.

P. Sowden, Simcoe.

The Village of Caledonia and the Townships of Oneida and Seneca were hosts to almost a thousand guests, constituting the largest concluding banquet ever held in connection with an International Match.

For financial support, the Association is indebted to the Dominion Department of Agriculture, the Ontario Department of Agriculture, the County of Haldimand, several other municipalities and numerous commercial concerns and public spirited citizens.

LIVE STOCK BRANCH

HORSES

Horse breeding in the Province of Ontario has shown a decided upturn during the past year. Prices have been fairly high on all classes, the great demand being for horses for farm purposes, although there has been a considerable export trade for high-class geldings and pure bred mares. Large numbers of Western horses have been brought into the Province and sold mostly at auction sales, but these as a rule belonged to the cheaper class and were sold mostly to farmers.

STALLION ENROLMENT

There were 1300 stallions enrolled in the Province of Ontario during the season of 1935, an increase of over one hundred stallions enrolled in 1934, and an increase of approximately three hundred over 1932, which was the low point in the enrolment of stallions during the past twenty years. In 1935, of the 1300 horses enrolled, 102 carried A premium certificates and 72 carried B premium certificates. Cash premiums under the Federal-Provincial policy amounting to $9,030.00 were paid by the Ontario Department of Agriculture to the owners of 174 stallions on account of their 1934 season. For complete information see the 1935 report of the Ontario Stallion Enrolment Board.

In 1935 the forms of certificates were changed from A1 to Form 1, Approved 1 to Form 2, Passed 1 to Form 3, and Form 2 to Form 4. This change was made in order that everyone might know the relative grading of the stallions being offered for service in the Province.

HORSE SHOWS

In the western part of the Province spring horse shows are still retaining their popularity. For the purpose of assisting these shows the Ontario Live Stock Branch pays 50 per cent of the prize money up to a maximum of $200.00. The reports received must be approved before the grant is paid. Following is a list of grants paid during the fiscal year ending March 31, 1936:

Elora	$ 96.50
Brantford	200.00
Linwood	152.00
St. Clements	92.00
Clinton	170.00

ONTARIO BOYS' FOAL CLUBS

Since the inception of the Ontario Boys' Foal Clubs this work has rapidly expanded from a small beginning to the point where it is one of the largest club organizations in the Province. The Ontario Live Stock Branch in co-operation with the Agricultural Societies, Agricultural Representatives Branch and the Live Stock Branch of the Dominion Department of Agriculture during the past fiscal year organized 36 clubs. Results of this work have been very gratifying and it most assuredly appears to be playing a very vital part in the improvement of horses wherever these colt clubs have been started.

The foals are exhibited at the annual achievement day by boys who range in age from 12 to 20 years of age. The colts were all sired by a registered stallion and so far as possible were fed, cared for and fitted by the boy for at least two months previous to the date of exhibition.

The outstanding achievement of the Ontario Boys' Foal Clubs is the colt club show at the Royal Agricultural Winter Fair. At this show there is a class for the colt and a class for showmanship. It is perhaps one of the features of the Winter Fair at the present time and has met with a lot of favourable comment. The Ontario Live Stock Branch pays prize money for

both of these classes and during the past fiscal year the sum of $400.00 was paid out in prize money to 46 competitors. Foal competitions were held at the following shows in 1935:

County	Name of Show	County	Name of Show
Brant	Paris	Lambton	Forest
Bruce	Lucknow	Middlesex	Thorndale
Bruce	Tara	Middlesex	Ilderton
Bruce	Teeswater	Middlesex	Glencoe
Dufferin	Orangeville	Middlesex	Park Hill
Durham	Millbrook	Middlesex	Melbourne
Elgin	Shedden	Northumberland	Campbellford
Elgin	Wallacetown	Northumberland	Warkworth
Essex	Leamington	Ontario	Oshawa
Haldimand	Caledonia	Peel	Brampton
Hastings	Madoc	Perth	Stratford
Huron	Seaforth	Peterboro	Lakefield
Huron	Brussels	Prince Edward	Demorestville
Huron	Wingham	Renfrew	Renfrew
Kent	Merlin	Waterloo	Wellesley
Kent	Dresden	Wellington	Erin
Kent	Ridgetown	Wentworth	Ancaster
Lambton	Brigden	York	Woodbridge

CATTLE

The cattle industry in Ontario has undergone some very decided changes during the past fiscal year. From the month of March to November, 1935, the American markets were influencing the Canadian export trade to a very marked degree. Prices during this period were quite high and this, together with a bountiful supply of feed in the Province, created a demand for feeder steers which has not been excelled for some time. Approximately 157,000 cattle were purchased by Ontario farmers for feeding purposes during the past year as compared to 51,000 during the previous year.

The exporting of cattle to the British market practically ceased during the first few months of 1935 but shipments were again resumed during the early part of 1936.

The tariff on Canadian steers entering American markets was a barrier which lowered the price considerably to the Ontario exporter. The American prices, however, dropped considerably until the situation arose where the British market was just as profitable as the American. However, the optimistic feeling of the Ontario producers created by the high prices was the direct cause of the large number of cattle held over for feeding, and an unfortunate experience occurred which caused a rather slow market and low prices. The American demand fell off considerably, and export boat space had all been taken, with the result that large numbers were put on our own markets. The profit in feeding cattle purchased in 1935 and sold on the market in 1936 will likely be quite small. It was, however, necessary to have large numbers of cattle on feed in order to consume the available feed supply.

Cattle moved very slowly during the last few months of the fiscal year until prices for good steers during the month of March were very little over 5 cents a pound Large numbers of these cattle will be carried over for summer finishing and as a result will be spread more evenly over the market.

AUCTION SALES OF PURE BRED STOCK

Under the following Order-in-Council assistance amounting to $1,606.00 was given during the fiscal year to sixteen sales consisting of 399 tuberculin tested cattle and 60 untested cattle.

An allowance of $4.00 per head is made for tested cattle, providing all cattle at the sale have successfully passed the tuberculosis test, and that an affidavit is taken by the contributors to the sale that their herds are free from contagious abortion and other infectious and contagious diseases. The maximum grant in such cases is $150.00. In the sales where cattle are not all tested for tuberculosis but are free from abortion and other infectious diseases, the grant remains at $3.00 per head with a maximum of $100.00 for any one sale.

Where a sales association has bulls shown, judged, and prizes awarded on the day of the sale a further grant of $25.00 is made to the prize list, providing the sales association contributes at least a like amount.

The following sales were assisted:

Sale	No. of Head	Grant Paid
Waterloo & Wellington Holstein-Friesian Breeders' Club	61	$ 150.00
Norfolk Holstein-Friesian Club	21	84.00
*Belleville District Holstein-Friesian Breeders' Club	32	153.00
National Holstein Sales Association	29	116.00
*North Grey Shorthorn Breeders	14	66.00
Caledonia Shorthorn Breeders	20	80.00
Middlesex Jersey Club	43	150.00
York County Jersey Breeders	12	48.00
*North Bruce Breeders' Club	17	76.00
Brant District Holstein Breeders' Club	48	150.00
Oxford Holstein Breeders' Club	49	150.00
Western Ontario Consignment Sales Co. Ltd.	27	108.00
Victoria County Shorthorn Association	11	33.00
Inter-County Shorthorn Sales Association	25	100.00
Durham County Shorthorn Association	22	88.00
Guelph Fat Stock Club	18	54.00
		$1606.00

*Shows held in connection with these sales.

At several of these sales the Ontario Live Stock Branch assisted by having fieldmen inspect the offerings for the sale. Such selection work assists greatly in keeping inferior cattle from being sold and naturally tends to make the offering more uniform and attractive.

ASSISTANCE TO EXHIBITORS AT FOREIGN EXHIBITIONS

During the past fiscal year assistance has been given to beef cattle breeders who exhibited at the International Exposition. This assistance is given through the Ontario Cattle Breeders' Association, and represents 50 per cent of the freight charges. The total assistance granted amounted to $264.01. The following exhibited at the 1935 Chicago Show:

Col. F. H. Deacon, Unionville.
T. A. Russell, Downsview.
Edwards Bros., Watford.
Imperial Oil Ltd., Toronto.
W. J. Russell, Unionville.
W. A. Dryden, Brooklin.

RESTRICTED AREAS

Under the restricted area plan of the Dominion Health of Animals Branch for the eradication and control of tuberculosis in cattle, work has been continued in the Province of Ontario. Under this plan the work has been carried on in the counties which were previously in the area, and during the summer of 1935 six counties, namely, Halton, Peel, York, Ontario (except the Townships of Rama and Mara), Durham and Northumberland, comprising the Toronto district, were included in a new area. The campaign and signing of petitions was completed in these counties and testing began in some parts during the month of February. Under this plan the following areas have been created:

1. *Prince Edward County*: This includes the entire County of Prince Edward and also that portion of Murray Township in the County of Northumberland lying south of the Murray Canal.

2. *District of Kenora*: This area consists of the entire District of Kenora, bounded on the north by the District of Patricia, on the south by the District of Rainy River, on the east by the District of Thunder Bay and on the west by the Province of Manitoba.

3. *Eastern Ontario District*: This area commences at the City of Kingston, proceeding north-east along the north shore of the St. Lawrence, including any islands in the said river belonging to Canada, to the Quebec-Ontario boundary, north along the Quebec-Ontario boundary to the Ottawa River, thence west along the shore of the Ottawa River, but including any islands in the said river belonging to Ontario, to the City of Ottawa, thence south-west along the Rideau River, the Rideau Canal, to the City of Kingston. The area includes the whole of the Counties of Russell, Prescott, Glengarry, Stormont, Dundas, Grenville, and parts of the Counties of Carleton, Leeds and Frontenac.

4. *District of Manitoulin Island*: This includes the entire Island of Manitoulin.

5. *Toronto District*: During the fiscal year this district has been gazetted a restricted area. This area includes the six counties immediately surrounding Toronto and bordering on Lake Ontario, commencing at Halton County on the west and including the Counties of Peel, York, Ontario County as far north as the Trent Valley Canal, and the Counties of Durham and Northumberland.

This work, under the regulations, has required the Ontario Department of Agriculture through the Live Stock Branch to assist in the transportation of the veterinarians in the general tests. During the fiscal year, April 1st, 1935, to March 31st, 1936, there has been expended $4,625.12.

The following summarizes the work carried on in the various districts from April 1st, 1935, to March 31st, 1936:

Glengarry County: Three general tests had already been conducted in Glengarry County. The work during the period above mentioned has been confined to subsequent retests of reacting herds.

Stormont County: Three general tests had already been conducted. The work during this period has been confined to subsequent retests of reacting herds.

Prescott County: This county has already had two general tests and work has been chiefly retesting reacting herds.

Dundas County: At the beginning of the fiscal year there were 597 herds tested on the third general test in this area, comprising 10229 cattle with 27 reactors and 13 infected herds. At the end of the year 2,123 herds had been tested comprising a total of 35,032 cattle. 102 herds showed 249 reactors. The usual sixty day retests of the reacting herds have been carried on during the year.

Prince Edward County: There has been no active work carried on in this district during the past fiscal year as the fourth general test has been conducted and any testing work which may have been done was in herds which perhaps had reactors.

Kenora District: This district was gazetted a restricted area in the summer of 1934, and the initial test was completed the week of July 26th, 1935. 801 herds containing 3,834 cattle were tested. There were 35 infected premises which contained a total of 79 reactors, showing a percentage of 2.06. The usual sixty day retest of the reacting herds has been carried on during the year.

Grenville County: The second general test has been completed with 1864 herds comprising 24,182 cattle, 79 infected herds containing 141 reactors. The subsequent sixty day retests have been carried on since this test was completed.

Leeds County: The second general test in this area was completed in the summer of 1935. 2,722 herds were tested comprising 41,974 cattle of which 179 were reactors, with 94 infected premises. The subsequent retests have followed.

Frontenac County: The second general test in that portion of Frontenac County within the area, up to March 11th, showed a total of 577 herds tested with 9,038 cattle in which there were 163 reactors with 73 infected herds. Retests of the reacting herds are also being carried on.

Manitoulin Island: There has been no active work done in this area. The last test was put on in 1931 in which there were 19,151 cattle tested.

Russell County: There has been no active work done in this area during the past fiscal year.

Carleton County: The initial tests in the Townships of Goulbourn and Marlborough were completed early in 1936. 10,158 cattle were submitted to the test, 286 of which reacted or 2.8 per cent. The last general test of the Townships of North Gower and Nepean was completed in 1935. 12,662 were submitted to the test, 49 of which reacted or 0.4 per cent.

Halton County: Work was begun in this area during the week of February 26th, 1936. To the end of March 25th a total of 566 herds had been tested comprising 7,022 cattle of which 1,037 were reactors (14.7 per cent) in 236 herds.

Peel County: The initial test in the County of Peel was started during the week of February 26th, and up until March 25th, 515 herds had been tested containing 6,032 cattle and showing 1,191 reactors (19.7 per cent) in 238 herds.

Northumberland County: The testing work in this area was begun during the week of February 26th, and up to March 25th, 519 herds have been tested in which there were 4,497 cattle with 213 reactors (4.7 per cent) in 97 herds.

CALF CLUB WORK

Club work in the Province of Ontario is carried on in co-operation with the Federal Department of Agriculture and the Agricultural Representative Branch. In order that this work may be of more benefit to the juniors in the Province of Ontario certain revisions in the club policy were made. The training and education which these boys receive in this particular line of work has been very pleasing to those in charge. The work has done much to develop interest in young farmers in better breeding and feeding of cattle and has undoubtedly made a basis for general live stock improvement work wherever these clubs have been started.

The Ontario Live Stock Branch assisted with practically all of the calf club achievement days, and during the year assisted with the organization of the clubs, delivered lectures at club meetings and carried on general educational work. The calf club programme in Lambton County whereby Ayrshire calves from Eastern Ontario were brought into this County received assistance from the Live Stock Branch in the payment of $46.95 freight on sixty-four calves.

Assistance was given to 54 calf clubs during the past fiscal year to the amount of $767.00.

SHEEP EXTENSION WORK

During the fiscal year, April 1st, 1935, to March 31st, 1936, the sheep industry in the Province of Ontario made a very favourable showing. The prices for lambs and wool during the year were quite satisfactory. September to November prices held up exceptionally well, the major portion of the large runs selling at 6 cents or better on the market. There has been very little fluctuation in market prices which has had a very steadying effect on the industry as a whole.

Cold storage holdings of lambs were down a little as compared with the previous year, this perhaps being due to the more equal supply of fresh lamb on the market. Approximately 24,000 western lambs were fed in the Province and these in turn being marketed at various periods have a tendency to reduce the large holdings.

Pure bred sales to other countries have been encouraging, the demand for some breeds being quite strong.

Sheep breeding in general in the Province has shown a slight increase, and with the prices obtained on the market at the end of the fiscal year, the promise for a steady if not better price would seem to be the logical outlook.

SHEEP CLUBS

Club work which has been carried on by the Ontario Live Stock Branch while not in force at this time has not as yet been completed. The flocks which were placed with young farmers in the Province of Ontario under the terms of the policy have shown very gratifying results to date, especially when

one considers the past depression and hard times which have interfered so much with the farmers' operations. Most of the members of these clubs have made an honest attempt to complete their contract and so far 430 contracts have been completed in full. The activities of the remaining members are still under the supervision of this Branch and will continue to remain so until the contracts are all complete.

Efforts were made during the year to complete as many as possible and the results of this work were very promising. At the present time there are two active sheep clubs in the Province, located in the Orillia district in Simcoe County. A joint fair is held for the girls and boys in these clubs, to which the Ontario Live Stock Branch contributed the sum of $42.00.

SHEEP FIELD DAY

The Field Day of the Ontario Sheep Breeders' Association was held at Thistle Ha Farm, the home of Mr. John Miller, Sr., Stouffville, Ontario, on June 8th, 1935. This place was chosen for reasons of historical importance, it being the one hundredth anniversary of the settlement on this farm of the Miller family. The Sheep Breeders were very pleased to accept an invitation to hold their Field Day at this time and a very instructive programme was arranged. Representative animals of each breed of sheep common in the Province were present on the occasion, which were placed by those in attendance, and were then placed by the official representative for each breed. An excellent exhibit of woollen goods from Horne Brothers Woollen Mills at Lindsay was on display. These goods were all made from Ontario wool, which perhaps was a feature of the Field Day and was certainly a very attractive exhibit. Speeches were delivered by the Honourable Duncan Marshall, Minister of Agriculture for Ontario, and several other well known live stock men. Considerable assistance in connection with the Field Day was given by the members of the Ontario Live Stock Branch.

ASSISTANCE TO EXHIBITORS AT FOREIGN EXHIBITIONS

During the fiscal year Ontario sheep breeders exhibited at the Chicago International and received Provincial assistance to the amount of $307.82. When sheep are exhibited at the International, the Ontario Live Stock Branch pays 50 per cent of the freight charges thus enabling breeders to make sales and keep up international connections. The following breeders represented the Province and their sheep were successful in winning a very fair share of the total prize money, thus keeping up the reputation of the Province as a breeding ground for good sheep:

Chas. J. Shore, Glanworth Sta.	C. J. Brodie, Stouffville.
Wm. Goddard, Denfield.	John D. Patterson, Richmond Hill.
H. M. Lee, Highgate.	John D. Larkin, Inc., Queenston.

DOG TAX AND SHEEP PROTECTION ACT

During the fiscal year, April 1st, 1935, to March 31st, 1936, two appeals were dealt with under this Act, one from the County of Halton and one from the County of Lambton. Generally speaking the provisions of this Act are becoming much more appreciated by municipal councils and consequently appeals are becoming fewer.

SWINE

Hog marketing showed a decline of approximately 70,000 head in Canada in 1935 from the previous year. During the same period Ontario also showed a decrease. Ontario still maintained her position as the leading producer of good quality hogs in the Dominion. Of the hogs produced within the Province 31.6 per cent graded selects and 49.9 per cent graded as bacons, or 81.5 per cent were within the two top grades. For Canada the figures show 22.9 per cent selects and 42.1 per cent of bacons or 65 per cent in the two top grades. In spite of the favourable showing made by the Province of Ontario there are still a number of counties producing hogs below the average quality of Canada.

Hog prices were relatively higher throughout the year than those of other classes of live stock. This was attributed to the satisfactory export market for pork products to the Old Country. Prices were governed directly by that market throughout the major part of the year. However, during the fall months hog prices rose to abnormally high levels in the United States. Many of our hogs went to the American markets, which tended to stimulate prices in this country for a short period of time.

Canadian bacon exports to Great Britain showed an increase over the previous year, amounting to approximately 125,000,000 pounds. This represented the product of about 1,000,000 hogs. Since less than 3,000,000 hogs were marketed through the regular channels, approximately one hog out of every three marketed in this country in 1935 found its way to the Old Country market. This clearly indicates the importance of our export market. Since this market demands a particular type of product every effort should be made to improve the quality of our hogs. With this in mind the Ontario Live Stock Branch have so directed their policies.

Swine Testing Station

The first swine testing station in Ontario was established in June, 1934. The purpose of the station is to determine the actual utility value of pure bred swine through the testing of their progeny. Such factors as prolificacy, maturity and carcass value are considered in making these tests. The tests are conducted under the Federal Department Advanced Registry Policy for swine. The administration of the test station is carried on by a Provincial Committee of which the Director of the Ontario Live Stock Branch is chairman.

The functions of this Committee are: (1) to locate such station or stations as may be necessary; (2) to employ the feeder or feeders; (3) to provide feed; (4) to supervise the management; (5) to determine the basis on which pigs shall be taken over from the breeder; (6) to determine what pigs shall be sent to the station for testing purposes.

The station has accommodation for the testing of approximately forty litters at one time. It was well patronized throughout the year.

Following is a summary of litters tested:

	Month	No. of Litters Placed in the Station	No. of Breeders Placing Pigs in the Station	Average Price Paid per Pig
1935	Apr.	6	6	$4.50
	May	9	9	4.63
	June	3	3	4.92
	July	10	10	5.08
	Aug.	8	8	5.16
	Sept.	6	6	5.07
	Oct.	7	7	4.95
	Nov.	6	6	4.63
	Dec.	6	6	4.47
1936	Jan.	3	3	4.39
	Feb.	3	3	4.49
	Mar.			

At the present time there are 105 breeders testing swine under the advanced registry policy. Because of the limited facilities at the Station all of them have not been able to have litters tested there.

Boys' Swine Clubs

Boys' swine clubs are organized under the direction of the County Agricultural Representative and assisted by the Live Stock, Agricultural Societies and Agricultural Representatives Branches of the Ontario Department of Agriculture and the Live Stock Branch of the Dominion Department of Agriculture. Clubs consist of twelve or more boys in a community or district. Each of the boys commences with a pair of weanling sows which may be selected from his father's swine herd or may be purchased.

The project covers the period between the time the sows are weaned and the Achievement Day which is held in the fall of the year. Records of feed and costs of production must be kept. Prizes are given following the Achievement Day. The basis for awarding prizes includes the manner in which records are kept, the general proficiency of the club member in so far as his knowledge of swine husbandry is concerned as determined by examination, and the type and quality of the sows as exhibited at the Achievement Day.

The members of the Ontario Live Stock Branch assisted in the supervision of the clubs during 1935 and also judged the pigs at a number of the Achievement Days held in the fall of the year. The prize money paid in connection with the project was shared equally between the Federal and Provincial Live Stock Branches and the local sponsoring organization, which in the majority of cases was the Agricultural Society, on the basis of $1.00 per entry exhibited on the Achievement Day.

Following is a summary of clubs operated during 1935:

Name of Club	County	No. of Members	Prize Money Paid by the Ont. Dept.
Junior Swine	Durham	18	$16.00
Edge Hill Swine	Grey	17	11.00
Dawn Township Boys' Swine	Lambton	13	10.00
Junior Swine	Ontario	29	21.00
Peterboro District Boys' Swine	Peterboro	22	21.00

Bacon Hog Fairs

The counties of south-western Ontario have been large producers of hogs, many of which have been of non-bacon breeding. In order to demonstrate bacon type a number of bacon hog fairs have been held in those counties. The prize list at such fairs includes classes for both breeding stock and market hogs. The fairs have been featured by demonstrations in hog grading, correct bacon type, and the desirable points of good breeding stock. In addition reasons for placings have been given on all classes by the judges. The hogs entered in the market classes sold by sealed tender to the highest bidder with the reservation that any farmer may purchase a sow from the lot at the price paid by the successful bidder.

Federal and Provincial Departments share equally in the prize money but stipulate that the local organization must obtain by local contributions an amount approximately equal to that granted by either Department.

During 1935 four bacon hog fairs were held. There was a noticeable improvement in the quality of the market hogs over those exhibited at similar fairs in the same counties three or four years ago. There were a large number of sows purchased by farmers for breeding purposes.

Following is a summary of the fairs held in 1935:

Place	County	No. of Market Hogs	No. of Selects	No. of Bacons	Selling Price	Prevailing Market Price for Hogs on the Same Day	Contribution of the Ont. Department
Essex	Essex	81	41	35	$9.10	$8.60	$60.00
Edy's Mills	Lambton	63	28	34	8.85	8.25	60.00
Charing Cross	Kent	102	63	35	9.00	8.25	60.00
Bothwell	Kent	126	54	56	8.85	8.25	60.00

Bacon Hog Clubs

The bacon hog club policy was inaugurated many years ago for the purpose of stimulating the production of bacon hogs on a community basis. Good bacon type boars were loaned to communities in which clubs were formed. The cost of the boars and transportation to the station nearest the club were borne by the Ontario Live Stock Branch. In 1932 the policy was modified so that the costs were shared equally with the Federal Department. It was also changed so that clubs would only be supplied with boars for periods of three years.

There are 54 active clubs in the Province. The majority of these are in south-western Ontario where they have in no small measure contributed to the improvement of the hogs in that district. No new clubs were formed in 1935 but four boars were purchased at a total cost of $72.50. which includes transportation, to the Ontario Department, for replacement in the clubs where the three year period has not yet expired.

Bacon Litter Competition

The bacon litter competition has been conducted for the purpose of identifying sows capable of producing large litters of early maturing pigs of the proper type. Such sows may be either pure bred or grade. The competition is open to any farmer in the Province of Ontario. The particular points con-

sidered in scoring are—the size of the litter, the rate of maturity, and the type and quality of the pigs. For the purpose of awarding prizes the Province is divided into zones, the number of zones and the boundaries of the zones being determined at the completion of each competition and depending largely on the number of entries and the scores made by those competing.

During the past fiscal year two competitions were completed. These were for litters farrowed between September 15th and November 15th, 1934, and March 1st and May 15th, 1935. Two other competitions were sponsored. These were for sows farrowing between September 15th and November 15th, 1935, and March 1st and May 15th, 1936, which competitions will be completed during the coming fiscal year. There were 68 entries in the competition for sows farrowing in the fall of 1934. Thirty litters completed the test. The Province was divided into two zones, and the total cost to the Ontario Department was $173.50. The highest score was made by Mr. Percy L. Switzer, St. Mary's, who marketed ten hogs when 181 days old, grading 10 selects, and weighing 2062 pounds.

There were 131 entries in the competition for sows farrowing in the spring of 1935. Seventy-two litters completed the test. The Province was divided into four zones, and the total cost to the Ontario Department was $400.00. The highest score was made by Mr. Richard Earle, Ida, who marketed thirteen pigs when 192 days old, grading 13 selects and weighing 2669 pounds.

Swine Field Days

The Ontario Yorkshire Club held their annual Field Day at the O.A.C. on June 14th and 15th, 1935. This Field Day was devised for the purpose of more closely associating in the minds of the breeders the relationship between the live hog and the carcass. Breeders were given the opportunity of nominating litters which would be up to market weight in the month of June. The nominated litters were identified. The breeder was given the opportunity of forwarding the pig that he considered to be of the best bacon type to the Field Day. The pigs so forwarded were discussed. They were later slaughtered and the carcasses analysed. Since the secretaryship of the club is held by a member of the Live Stock Branch much of the detail in connection with the Field Day was handled by members of the Branch. The Field Day was well attended by the breeders and was pronounced very instructive and educational by those in attendance.

Ridgetown—A swine Field Day and Sale, under the auspices of the Swine Producers' Associations of Kent, Essex and Lambton, was held at Ridgetown on June 18th. This Field Day was addressed by members of the Ontario Live Stock Branch who also assisted with the Sale. Sows and boars sold were consigned by prominent breeders residing in the three counties. Despite the rather inclement weather a fairly large crowd was in attendance and a satisfactory sale was held, practically all of the pigs being purchased by farmers in the district.

The Bruce County Yorkshire Club held a Field Day and Sale at Cargill on June 13. Assistance in the selection of the sale consignment was given by a member of the Live Stock Branch. The Field Day was attended by breeders widely distributed throughout the Province.

Moore Township Agricultural Society which conducts a fair at Brigden in Lambton County sponsored a Field Day and Sale on November 16th. This

event was held for the purpose of distributing throughout the Township some high class breeding stock. Breeders in Kent, Essex and Lambton were asked to consign. The cost of conducting this sale was borne by the Agricultural Society. The stock was inspected and selected by representatives of the Provincial and Federal Live Stock Branches who also addressed the Field Day on subjects pertaining to the swine industry, and assisted with the sale. Prices realized at the sale were fairly satisfactory and the majority of the hogs offered were purchased by farmers residing within the Township.

LOCAL POULTRY ASSOCIATIONS

Local Poultry Associations received assistance from the Department through the supplying of judges. lecturers and grants to local Associations during the fiscal year, April 1st, 1935, to March 31st, 1936, as follows:

Number of associations holding a show during the fiscal year	22
Number of poultry judges and lecturers supplied	25
Total amount of grants paid to local associations	$877.00
Total expenditures in connection with judges, lecturers, etc.	$408.33

ONTARIO PROVINCIAL WINTER FAIR

The Provincial Winter Fair which is held annually at Guelph is the oldest live stock show in the Dominion of Canada, having held its 53rd annual show in December, 1935. This Fair is supported substantially by grants from both the Ontario and Federal Governments and is managed and operated by the staff of the Ontario Live Stock Branch. The Directorate is composed of representatives from the following: Ontario Horse, Ontario Cattle, Ontario Sheep, Ontario Swine and Ontario Poultry Breeders' Associations, Ontario Seed Growers' Association, and the City of Guelph. The total gate receipts in 1935 were $3,631.70.

ASSISTANCE TO THE OTTAWA WINTER FAIR

Since the Ottawa Winter Fair has been made a regional exhibition generous assistance by the Ontario Live Stock Branch has been given in order to facilitate the exhibiting of live stock in this area. This region consists of all Eastern Ontario including Peterboro and Northumberland Counties. Assistance is given in the payment of freight and express on all exhibits of live stock, poultry, fruit and grain to the amount of 50 per cent of the total cost. This assistance has made it possible for a number of small exhibitors to exhibit at this Fair. In 1935 this assistance amounted to $917.93.

WOMEN'S INSTITUTE BRANCH

PROGRESS IN ORGANIZATION

During the year covered by this report 67 Institutes were organized, making the present number of active branches 1,347, with an approximate membership of 42,000. Of this number 130 are Junior Institutes.

District Annuals

Meetings were held in 99 districts at 95 of which a representative from the Department was present. This annual gathering of the members at a central point in a district has proven a great stimulus to the work in general. The delegates in attendance present reports of activities and formulate plans for further efforts. In the past year, programme planning was a definite feature of these meetings when the Co-operative Programme in Home Economics was discussed and decision made as to the departmental service desired for the ensuing year. The attendance at these meetings was unusually large in 1935, reaching a total of 9,795.

Conventions

To enable the leaders of branches and districts to secure desirable information for more effective work in their respective units, the Province is divided into 13 areas in each of which a convention is held each year. In 1935 the attendance at these conventions totalled 3,700 delegates. In every case a departmental speaker was present and, in a few areas, especially where extra leadership was desirable an additional one was in attendance for part of the time.

Distribution of Literature

The hand book was revised and two copies sent to each branch Institute. A minute book is supplied for the use of each branch. It, too, was revised. These revisions should make for clarity as to procedure and help the branches to conduct their meetings in a straightforward and dignified manner. The outline of the Co-operative Programme for 1936-1937 was distributed in printed form, five copies being sent to each branch. The three printed leaflets, "Salads," "Fruits" and "Vegetables" were revised and two new ones, "Washing of Woollen Blankets and Fabrics" and "Spot and Stain Removal" printed. These are made available for distribution in conjunction with the educational programme in Home Economics. In addition, mimeographed material was supplied to local leaders at training schools, and, in the junior work, pamphlets for the use of club members as well.

Four issues of "Home and Country," the four-page paper published through the co-operation of the Women's Institute Branch and the Provincial Board, were distributed to the branches during the past year. This sheet keeps the branches informed of progress, not only in local Institute activities, but in those of a national and international character. Its popularity is growing and it is proving a definite help in keeping the branches alert and well informed.

Packet Loan Collection

This service has continued to lend material dealing with topics of special interest to women and suitable for Institute meetings. Its object is to help the member who is responsible for an address on some definite subject, but who may not have access to sources of authentic information. In the period covered by this report 1,172 branches were served through 4,144 articles dealing with some phase of the following subjects: Health and Child Welfare, 182; Education and Better Schools, 996; Home Economics, 749; Agriculture, 154; Historical Research, 45; Canadian Industries, 219; Canadianization, 239; Legislation, 312; Music, 80; Debates, 98; Plays, 251; Peace Education, 51; Institute Histories, 30; Noted People, Relief and Miscellaneous, 261.

Grants

$5,738.00 was disbursed as grants to branches and districts who asked for this service. Of this amount $2,103.00 was paid to 701 branches and $3,635.00 to 97 districts.

Correspondence

In addition to 82 circular letters with a circulation of about 23,000, some 15,000 individual letters were sent out during this time.

Correspondence Links

International contact with rural women has been established and carried on by correspondence with a total of 63 branches, as follows: New Zealand, 27 branches; Australia, 6 branches; England, 18 branches; United States, 7 branches; Newfoundland, 1 branch; South Africa, 1 branch; Prince Edward Island, 1 branch; Saskatchewan, 1 branch; and Quebec, 1 branch.

FEDERATED WOMEN'S INSTITUTES

The Federated Women's Institutes of Ontario have been signally honored in the past year by Her Excellency the Lady Tweedsmuir, who has graciously accepted the office of Honorary President of this organization. Her Excellency has had much practical experience in Institute work in Scotland and her continued active interest is proving most inspiring and helpful to similar work in this country.

Biennial Convention

The ninth Biennial Convention of the Federated Women's Institutes of Canada met in June, 1935, at Charlottetown, Prince Edward Island, with six Ontario women in attendance. We are looking forward to the next biennial meeting of the F.W.I.C. to be held in Ontario in 1937.

Provincial Board

The Provincial Board met twice during the year, in April and again for their annual meeting in November. They examined the resolutions of the conventions and planned to present those which received their endorsement to the Provincial and Dominion Governments.

The treasurer's annual report showed receipts of $8,805.22 and disbursements of $4,093.08 with a balance on hand for the fiscal year of $4,712.14.

Work of Standing Committees

Branches, districts and convention areas follow the procedure of the Provincial Board in tabulating activities under Standing Committees with definite leadership. Some of the work of these committees is outlined as follows:

Education: To co-operate with and assist the schools in connection with special projects; study literature, music and dramatics; promote libraries; sponsor debates, public forums and discussions on topics of community betterment.

Home Economics: To promote interest and activities in raising the standard of home-making as a profession and highly important vocation; co-operate with the Department in developing a sound Home Economics programme.

Health and Child Welfare: To develop interest and action in establishing public health facilities; encourage health education, preventative measures, medical and dental services, home and community sanitation, proper care of mothers and children.

Agriculture and Canadian Industries: To study production and consumption of both raw and manufactured commodities; encourage the use of Canadian foods; study standards and qualities; study scientific farming methods and markets; promote farm beautification, vegetable gardens; assist with school and fall fairs wherever desirable.

Legislation: To study laws concerning inheritance, property rights, custody of children, care of the unfortunate, schools, agriculture, etc.; study the yearly changes in legislation of direct influence on the home.

Historical Research and Current Events: To compile local and township history; make collections of historical records and articles; keep records of important local current events; co-operate with the Provincial archivist.

Community Activities and Relief: To improve the community by establishing and maintaining (or by assisting other agencies to do so) community halls, rest rooms, parks, libraries, etc.; assist needy families; assist children's shelters and homes for the aged, and individuals requiring special treatment.

Canadianization: To spread greater familiarity with the traditions of our national life; study immigration laws and assistance given to newcomers; help the new Canadian to become adjusted.

Peace Education and International Relations: To promote a better understanding by the study of international relations and help women formulate their own opinions of the problem of establishing peace; help create an intelligent public opinion.

STAFF CONFERENCES

In November, the instructors connected with the senior and junior extension programmes and the one-month and three-month short courses in home economics met at Macdonald Institute, Guelph, for a four-day training school.

Group discussions were held on house furnishing, household management, health education, as well as on foods and nutrition and clothing. The staff of Macdonald Institute co-operated by bringing reports of recent research in nutrition and clothing.

The instructors attending the conference not only strengthened themselves in their own field but learned what instructors in related programmes were doing.

In March, the coaches connected with junior extension work gave additional supervision to the clubs which they had organized in the fall under local leadership. In this way they were able to encourage and strengthen leaders, straighten out difficulties as to correct methods of procedure, and get a good picture of the work accomplished during the winter months.

At the conclusion of this survey they met in this office for a four-day conference. Here they discussed difficulties encountered, studied means of overcoming them and considered additions to the junior programme in line with the interests and needs of the girls as they had discovered them.

CO-OPERATIVE PROGRAMME IN HOME ECONOMICS

The new service in Home Economics education as outlined in the booklets distributed early in the spring of 1935 was explained and discussed at the district annuals held in May and June.

Under the re-organized programme some new procedures were introduced in the endeavour to bring all the Institutes in touch with well tested practices and sound information connected with home-making problems and the development of family life. Training schools were made available where local leaders from each Institute in the district could meet with a highly trained specialist and obtain new information and skills to take back to the members of their own Institutes. This system not only develops leadership but also provides an economical means of spreading education. Local leader training schools were offered in certain phases of each of the following fields of home economics: clothing, foods and nutrition, housing and home crafts.

Speaker service was another procedure method which each district might choose instead of local leader training schools. It included various phases of health education, foods and nutrition, clothing, housing and local historical reasearch and was designed to assist branch Institutes in starting study along a definite line.

In addition, Institute branches might obtain short course schools in various lines of work. Because of the difficulty home-makers have experienced in finding time to attend a two-weeks course regularly, the time was shortened to provide for five-day and three-day courses, the length of the course governed by the type and amount of subject matter covered.

The districts were asked to decide what type of service they wished to make use of during the year and to send their requests to this office early in July. The new programme was well under way in September. During the few months previous to this time, 17 short courses organized under the former plan and were conducted as follows: Clothing, 12; foods and nutrition, 3; health education, 2; with a total enrolment of 322. With the exception of 1 three-day course in clothing and 1 five-day course in health education these were all two-weeks' courses.

Some idea of what has been already accomplished under the new programme may be gathered from the following excerpts from reports as given by the various home economics specialists.

Clothing: The clothing programme for 1935-36 was not limited merely to instruction in sewing, but included the study of colour and design, quality in fabrics, clothing budgets and care of clothing. In brief, it aimed to help home-makers select garments which would contribute to the health, comfort and efficiency of the family and give them a feeling of ease and assurance in their family relationships.

The methods of procedure used were local leader training schools, short courses and speaker service. Training schools were conducted in "Buyman-

ship" in nine districts with 94 leaders receiving instruction; in "The Kitchen Ensemble" in one district with 16 leaders, and in "Care of Clothing" in one district with 16 leaders in attendance. The leaders in many cases have not completed their instruction so it is difficult at present to give a summary of results. Much enthusiasm was shown, however, especially as to "The Kitchen Ensemble" in which at least 144 women took instruction and planned to exhibit the results of their work at a summary day in April.

Fourteen short courses were conducted in "Garment Finishes" serving 21 branches with an enrolment of 359. "Commercial Patterns" was the phase of instruction dealt with in 15 short courses; these covered 16 branches and gave instruction to 165. Speaker Service was used in 2 counties where 8 branches were served with an attendance of 328.

Foods and Nutrition

The work in foods and nutrition was varied in nature. It was conducted mainly through short courses, local leader training schools, speaker service and home demonstrations. It was planned and carried on with a view to arousing interest that would result in further study and the application of information gained to individual and family problems of diet. The work in foods dealt mainly with the selection, purchase, preparation and serving of food; that in nutrition with the composition of food and its relation to health. Emphasis was placed on the use of an adequate diet in building up resistance to many diseases and in escaping the so-called deficiency diseases which result from a lack of one or more of the essentials of a balanced diet.

Nineteen branches sent leaders and assistants to local leader training schools in "Vegetables: Their Preparation and Place in the Diet"; 21 short courses were given in "Food Selection and Meal Planning"; 15 branches availed themselves of the speaker service in foods.

Another new feature of the past year's work took the form of home demonstrations carried on by individual members in the home; 180 women asked for the necessary information for carrying on a home demonstration in relieving constipation. Additional demonstrations such as those for underweight, overweight and pre-school diet have been planned for the coming year.

A survey of 213 food selection scores which class members have marked proved interesting. The score indicates the essentials of a daily diet with one hundred as a possible score, and eighty-five as the safety line; 62 per cent of the scores marked were below this line. This would indicate there is still great need for instruction in nutrition. An encouraging feature was the change in practice as indicated by some of the scores. Many showed marked improvement during the courses, in one course a 14 per cent improvement in the score in 5 days.

Housing

During the past year 1230 women have taken direct advantage of the housing programme through local leader training schools, home conferences and speaker service. The number indirectly contacted cannot be ascertained until the completion of the programme in the early fall.

Local leader training schools and home conferences are new procedures, 3-day short courses and speaker service having taken care of the housing phase

of Institute work previously. With the new methods, more people are reached at less cost but with a greater effort on the part of the member.

Speaker Service

Seventeen meetings were held with an attendance of 1,170 from 6 districts with approximately 57 branches represented. In the majority of places the topic under discussion was "Buymanship in Housing." Interest was shown by the number present, the questions asked from the floor, the informal discussion during the social hour and private inquiry. At several meetings attention was focused on choice and arrangement of furniture by means of slides. We look for more careful thought before buying, as a result of this speaker service.

Local Leader Training Schools

To meet the need for restoring old furniture of good design to proper conditions of usefulness and beauty, local leader training schools in Refinishing of Furniture were arranged. Six districts, with 60 leaders, availed themselves of this opportunity. Each leader refinished a piece of furniture under the supervision of the instructor. The training schools were shceduled for 2 days, 1 week apart. These leaders, after refinishing several other pieces at home are acting as instructors in their own branches. Very few groups have completed their work but in at least two branches 14 members are busy.

Home Conferences: One county made plans for a home conference in 12 branches, but these plans were not carried out till the beginning of the new year.

Health Education

The work in health education aims to help home-makers gain a better understanding of how to acquire and maintain good health for themselves and their families. Speaker service and short courses have been the methods used.

Twenty short courses were held with an enrolment of 329, and 33 lectures given with a total of 1,175 women in attendance.

Home Crafts

The Home Utilization of Wool is a home craft added to the Institute programme in 1935 for the first time. The programme consists of a survey of the wool industry from the raw material to the finished product—quilts and quilting, knitting and the making of leather gloves.

The programme is carried on by the local leader method or by five-day short courses available to Institute Branches situated in sparsely settled areas or where there is only one Institute in the district interested in the problem.

The first four short courses were held in October, 1935, in the Rainy River district and it was most gratifying to see the interest shown by the women in the scouring of wool. Nine short courses have been held with 154 taking the instruction.

Four districts in Eastern Ontario took the course by the local leader method, sending in 31 local leaders, representing 31 branches to the training

school. It is impossible to give the number contacted by these local leaders because the courses are not completed and the reports filled in. However, eight local leaders in South Renfrew held two meetings, each with a total attendance of 265.

Seven short courses have been conducted in "Hooked Rugs" with 73 women taking instruction, and 14 courses in Needlecraft with an enrolment of 211.

Officers' District Rallies

Another service included in the Co-operative Programme was training in administrative leadership with the object of helping the members of the Women's Institutes develop and maintain strong leadership.

Either of two methods might be used, one speaker service on such subjects as "Parliamentary Procedure," the other taking the form of an officers' district rally. This latter is an all-day meeting planned by the district with all the branch officers invited to attend. Five such rallies were held in the past year with a total attendance of 252. There were discussions on such subjects as correct procedure for Institute meetings, functions of committees, improved methods of presenting educational work at fall fairs, and the value of branch and district reports.

The outlook for 1936-37 is encouraging. The Institute members are gradually acquiring a conception of the possibilities of education through local leadership and it would seem to be gaining in popularity.

The educational services as outlined in the Co-operative Programme of 1935, continue to be available with some additions. New training schools are offered, one in "Reconditioning of Furniture" to be ready in March, 1937, one in "Fruits: For Food and Flavour," and separate training schools in "Quilts and Quilting" and "Glove Making" as distinct from that work done in "Home Utilization of Wool."

JUNIOR EXTENSION PROGRAMME IN HOME MAKING

In the spring of 1935, definite changes were made in the Junior Programme. In its new form it aims to foster in young women a sense of satisfaction in achievement, rather than too keen a desire for competition.

This work is carried on under the guidance of a departmental instructor who is known as the coach. She co-operates with the County Agricultural Representative in getting in touch with groups of girls in the county who desire to take advantage of the programme. Some of these girls are already members of Junior Institutes or girls' clubs, but in many cases they represent previously unorganized groups of girls who are brought together for this purpose.

The local leadership method is used, the leader being an older woman, often a Senior Institute member, or a girl who has already had some training in home economics. Under this leadership the girls hold meetings as outlined in the manuals supplied to the leaders. They complete the work required, keep a record book and attend the annual county Achievement Day where they exhibit the results of their efforts.

In planning the programme, the interests and needs of the girls are considered and an effort made to meet them. The first unit of work under this new plan, "A Simple Cotton Dress," was undertaken in the summer of 1935, when 51 training schools were held and 250 clubs organized. As a result, 900 girls each exhibited a dress which they had made, together with a record book, at one of the County Achievement Days.

Training schools were also held for the Girls' Garden and Canning Clubs which were organized and supervised by the Agricultural Representatives. Information was given the girls on the cooking of vegetables, storing them for winter use and planning a garden budget to meet the family needs. Fifty-six of these clubs were organized and 22 training schools held.

In 1935, the Dominion Government offered prizes for supervised club work at Grade A and Grade B fairs. The girls' programme at these fairs held in Ontario was in charge of one or more coaches. One hundred and eighty-five club girls from 28 counties exhibited at the Canadian National Exhibition and a total of 391 at eleven other fairs.

Three new units of work were offered in the fall programme—a clothing unit, "Being Well Dressed and Well Groomed," and two in Foods and Nutrition—"The Supper Club" and "Dressing Up Home Grown Vegetables." Fifty-five training schools were held during the fall or winter, 19 in the clothing unit, 15 in "The Supper Club" and 11 in "Dressing Up Home Grown Vegetables." Many of the clubs thus organized are not yet completed, but how effective they have been will be gathered from the Achievement Days of 1936. Girls in practically every county and district in the Province will attend these gatherings.

To help develop a sense of satisfaction in achievement, certificates will be awarded to girls who have completed two units of work. A plan is under way whereby these certificates will lead to county honours for six units of work completed and eventually to Provincial honours as a result of 12 completed units.

The same units of work will be available for the fall programme with the addition of a clothing unit "A Summer Dress" with "The Simple Cotton Dress" as a prerequisite, a unit on "Milk" and probably one on "Clothes Closets."

One Month Short Courses

During the winter months, from December to March inclusive, 35 one-month and three two-weeks courses were conducted in co-operation with the courses in agriculture organized by the County Agricultural Representatives, with a total enrolment of 1,490 girls and women. A survey of the previous education of these students showed that 22 per cent had not attended high school, 47 per cent had attended for more than two years and only 8 per cent had received special training through other sources.

In every course Foods and Nutrition and Household Management were features of the programme. The additional major subject in 28 courses was clothing while the remaining 10 chose health education to round out their programmes. Joint classes with the boys were held on topics of interest to both including, in most cases, weekly literary meetings with instruction in public speaking and Parliamentary Procedure.

Three Months Courses

In addition to the courses already described, three-months courses were established in 7 counties with an enrolment of 210. The organization was similar to that of the one-month schools but the longer period of time provided for a broader programme.

Instruction in foods and nutrition and household management was given throughout the course. Concurrently with this, the students received one month's work in clothing, one month in health education, two weeks in house furnishing and one week in household accessories. Joint classes of boys and girls were held for special lectures in poultry, gardening, home beautification, English, literaries and, in most cases, in music.

The instructors in all the courses, before planning the subject matter and procedure methods to be followed, studied the individual needs and interests of the girls and attempted to formulate a programme of work best suited to the local situation.

An attempt was made to measure the effectiveness of these courses in educating girls. Questionnaires were filled in by the students which would indicate that many new practices had been introduced into Ontario homes.

Reports show that through the clothing instruction 1,037 garments were made, of which 631 were dresses; 1,100 practices were adopted which made for better selection and care of clothing; 300 persons adopted practices for correction of constipation and control of weight; 172 homes introduced better practices for the care of milk. Some 1,000 practices were established to increase the consumption of milk, fruit, vegetables and whole cereals.

Through the work in health education, 50 girls improved their posture, 41 had health examinations, 90 homes had their drinking water analyzed and 46 adopted better practices of home nursing.

These are merely an indication of progress and, no doubt, will be increased as the pupils have an opportunity to make use of their newly acquired knowledge.

Junior Institutes

Twelve Junior Institutes were organized at the conclusion of the winter schools, bringing the total number to 130. This organization should provide a means for further study along home-nursing lines. In order to ensure a sound educational programme each Junior Institute will be expected in future to undertake at least one unit of work each year as outlined in the Junior extension home-making programme.

Girls' Conference

In May, a four-day conference of 350 girls was held at the Ontario Agricultural College. This conference was organized and carried through by the Women's Institute Branch co-operating with the staff of the College.

The girls received training in leadership as well as much information of interest and value to rural girls. That this service is appreciated is shown by the increased attendance from year to year.

REPORTS AND RECORDS

Because of the importance of reports in evaluating results, all workers were supplied with forms on which they might report their findings.

Branch Institutes were asked to report every four months giving information that might be used to make a comparative study of the work of the branches in each district.

Statistical and narrative report forms were supplied to instructors of one and three-month schools. Reports were asked for from instructors of local leader training schools and short courses, and from local leaders. Forms were supplied for reporting district annuals and speaker service. Plans are under way for keeping more systematic and complete record of junior extension work done by the coaches in their respective counties.

The past year has been one of adjustment. Many new procedure methods have been introduced in both senior and junior programmes. Foundations have been laid for a sound educational programme in phases of home economics. This should result in many changes in practice and the fulfilment to some extent at least of the objectives of Women's Institutes, which may be summarized as follows: To help women acquire sound and improved practices for greater home efficiency, and to discover, stimulate and train ledership.

FRUIT BRANCH

ORCHARD INSPECTION

A definite increase in Little Peach and Yellows' diseases in the Niagara Peninsula was reported by the Provincial Entomologist, as a result of the field inspection carried out the past season. Under the provisions of the Fruit Pest Act, the following municipalities appointed one or more inspectors to check up and mark diseased trees: Townships of Louth, Saltfleet, Niagara, Grantham, North Grimsby, Clinton and Stamford; the Towns of Hespeler, Collingwood, Grimsby and Walkerville; City of St. Catharines, and Village of Beamsville.

A warning was issued to all fruit growers at the winter meetings held in St. Catharines, Grimsby and Hamilton, to watch carefully all trees susceptible to these diseases. They were advised moreover to remove and to destroy any diseased tree, discovered either by the inspector or the grower himself. It will be necessary to pay more attention this coming season to Little Peach and Yellows' diseases, or heavy losses will be incurred among the peach growers as a result of a bad outbreak, which will surely follow any general neglect on the part of the growers.

Improvement was shown by the reports of the apple maggot inspection in orchards in all parts of the Province. Where instructions in the spray calendar were carefully followed, very little evidence of maggot injury was found, and in many orchards the inspectors were unable to locate a single infested fruit. In addition, the inspection showed that great progress had

been made in clearing out old neglected orchards, seedling apple trees and hawthorns.

The first inspection started on May 23rd and continued for nine days, the work being largely confined to checking up on the surroundings of orchards not previously registered. Attention was also given to parties that had not completed the cleanup during the previous year.

The second inspection was carried on during the three weeks in July, just preceding and during the period when the maggot sprays were being applied. At this time, the inspectors were able to check up on the spraying practices, not only of the owners of certified orchards, but also on those of the surrounding orchards.

The third and final inspection was carried out in conjunction with the Federal Department just previous to picking time, and was confined to a careful examination of the fruit to determine the varieties, if any, infested, and the degree of injury. On this inspection depended the grower's chances for export, as the least evidence of maggot infestation was reported to the inspectors in charge of export, and such fruit was banned for shipment except to local markets or to the U.S.A.

For the early inspection, the apple sections were divided into thirteen districts, with one inspector in each district. The final inspection required a much larger staff, as sufficient time was needed to visit most parts of each orchard. Forty men were engaged for five weeks, six of whom were supplied by the Provincial Fruit Branch, fourteen by the Federal Fruit Branch, and the balance by the Federal Entomological Branch.

In 1935, the total number of orchards inspected was 2,796, of which 975 or 34.9 per cent showed some infestation. Despite the fact that 458 new orchards were included last season, there was a reduction of 7.3 in the percentage of infestation as compared with 1934. In addition, over two-thirds of the reported cases of infestation were marked as light. The interpretation given to the inspectors is that where the fruit on a very few trees is injured, or even one apple on one tree shows a maggot sting, the orchard will be shown as having light infestation.

Orchard Replacements

Following the disastrous winter of 1933-34, growers did not start replanting on a very large scale until 1935. By that time, all doubtful trees were marked for removal, and plans could be made for securing nursery stock and getting the land ready for planting. Injury was most severe in peaches and apples, and information was requested on the best varieties to use for replacement. At all winter meetings the subject was fully discussed, and the recommendations were published as fully as possible through the local papers.

In peaches, there has been a decided trend toward varieties earlier than Elberta, including the Vineland Station varieties—*Vedette, Valiant, Viceroy* and *Veteran*, and *June Elberta, Golden Jubilee, Rochester* and *South Haven*.

In apples, the varieties considered hardiest and most valuable for market are *McIntosh, Delicious, Spy, Gano, Scarlet Pippin, Salome* (and its seedling), and *Northwestern Greening*. For Southern Ontario, in addition, there are

Jonathan, Baldwin and *Rhode Island Greening.* The *Gano* and *Jonathan* are regarded as largely for export purposes. While the *Golden Russet* brings high prices on the British markets, it is not a heavy producer in Ontario, and often gets an objectionable, smooth green skin. The *Fameuse* has lost favour on all markets, the *McIntosh* having taken its place as a late fall and winter dessert apple.

Owing to replacements, planting of apples has been heaviest in those counties where winter injury has been most severe. From reports, Northumberland and Oxford show a percentage of non-bearing trees amounting to thirty-three per cent, Prince Edward thirty-two percent, Norfolk twenty-six per cent, Grey twenty-five per cent. Losses were lighter in Halton, Durham and Middlesex, where young trees averaged about seventeen per cent of the total.

Packing Houses and Storages

Further aid under the Co-operative Marketing Loan Act was given during the season, toward completion of the chain of cold storages and packing houses in the Province. Modern plants were erected at St. Thomas and Aldershot, and an addition was made to the plant at Thornbury, adding a total capacity under refrigeration of some 80,000 bushels.

With the completion of these buildings, the total available storage under refrigeration in the producing areas is now over 800,000 bushels. To this may be added those packing houses with frost-proof storages holding over 500,000 bushels, and which are suitable for the packing and shipping of the early winter varieties.

DAIRY BRANCH REPORT, 1935

Field Staff of Dairy Branch

2	chief instructors,
2	cheese and butter instructors,
30	cheese instructors,
10	butter instructors,
7	milk test checkers,
1	herd tester and check tester.
52	

No. of Dairy Plants in Province:

CHEESE FACTORIES

	1935	1934
Eastern Ontario	618	622
Western Ontario	81	84
Northern Ontario	5	7
	704	713

CREAMERIES

	1935	1934
Eastern Ontario	108	110
Western Ontario	191	185
Northern Ontario	34	33
	333	328

PRODUCTION OF CHEESE

January 1st to December 31st, 1935	75,505,825 lbs.
May 1st to December 31st, 1934	70,428,997 lbs.

PRODUCTION OF CREAMERY BUTTER

1935 ..... 83,216,568 lbs.
1934 ..... 80,423,419 lbs.

Milk Distributing Plants where Babcock tests were checked 557

Condenseries and Milk Powder Plants where Babcock tests were checked 29

Cheese factories where the instructors tested all the composite samples of milk:

Eastern Ontario	536
Western Ontario	50
	586 — Revenue $8,120.28

Certificates and permits to cheesemakers and buttermakers are issued annually on the following basis:

1st Class Cheesemakers—not less than 95 per cent first grade cheese, a score of not less than 95 points for workmanship, and qualified to operate the Babcock test.

2nd Class Cheesemakers—not less than 90 per cent first grade cheese, and a score of not less than 90 points for workmanship.

Permits for Cheesemakers—less than 90 per cent first grade cheese or a score of 90 points for workmanship.

Beginner's Permits for Cheesemakers—granted only on the approval of a cheese instructor and the recommendation of a first class cheesemaker.

1st Class Buttermakers—not less than 95 points for workmanship, and qualified to grade and supervise the grading of cream, and operate the Babcock test.

2nd Class Buttermakers—not less than 90 points for workmanship, qualified to grade and supervise the grading of cream, and to operate the Babcock test.

Permits for Buttermakers—less than 90 points for workmanship and qualified to grade and test cream.

Beginner's Permits for Buttermakers—granted only on the approval of a creamery instructor and the recommendation of a first class buttermaker.

Number Certificates and Permits Issued, 1935 and 1936:

CHEESEMAKERS—

	1936	1935
First Class	486	523
Second Class	161	154
Permits	43	48
Beginners' Permits	46	59
	736	784

BUTTERMAKERS—

First Class	286	287
Second Class	40	43
Permits	2	1
Beginners' Permits	26	55
	354	386

Number of Cheese Graded, and quality, by Districts and Counties (Federal Grader's Report)—1935

District	Cheese Graded	Per cent 1st Grade	Average Score
Northern Ontario	.....	.....	.....
Western Ontario	171,981	98.20	92.546
Central Ontario	181,486	96.81	92.469
Eastern Ontario	454,230	96.42	92.412
Total and averages	807,697	96.89	92.453
Total and averages, 1934	784,659	96.86	92.529

Cheese Grading in 1935 by Counties in Ontario:

County	No. Boxes	1st %	2nd %	3rd %	No. Grade %	Average Score	Standing Avg. Score
Addington	12,101	96.8	2.9	0.2	0.1	92.488	9th
Brant	545	89.2	10.8	—	—	91.454	23rd
Bruce	1,504	97.4	2 6	—	—	92.188	21st
Carleton	43,107	98.0	1.8	0.2	—	92.684	1st
Dundas	64,395	95.6	4.3	0.1	—	92.353	18th
Elgin	17,093	98.9	1.0	0.1	—	92.443	12th
Frontenac	46,532	97.3	2.4	0.3	—	92.435	13th
Glengarry	57,248	96.9	3.0	0.1	—	92.487	10th
Grenville	25,754	97.1	2.8	0.1	—	92.536	7th
Hastings	60,627	97.6	2.3	0.1	—	92.582	4th
Huron	2,468	97.3	2.7	—	—	92.166	22nd
Lanark	17,880	96.8	3.2	—	—	92.488	9th
Leeds	71,414	95.2	4.6	0.2	—	92.288	19th
Lennox	15,305	94.8	4.9	0.3	—	92.257	20th
Middlesex	44,661	97.9	1.9	0.2	—	92.432	14th
Norfolk	1,744	90.4	9.6	—	—	91.798	24th
Northumberland	21,543	95.0	4.8	0.2	—	92.368	16th
Oxford	70,464	98.5	1.4	0.1	—	92.658	2nd
Perth	30,377	98.3	1.5	0.2	—	92.612	3rd
Peterboro	7,730	96.8	3.2	—	—	92.503	8th
Prescott	69,841	96.4	3.4	0.2	—	92.372	15th
Prince Edward	16,734	96.6	3.3	0.1	—	92.447	11th
Renfrew	2,900	97.2	2.8	—	—	92.542	6th
Russell	46,808	96.4	3.5	0.1	—	92.360	17th
Stormont	54,883	96.8	3.1	0.1	—	92.353	18th
Victoria	914	96.2	3.8	—	—	92.368	16th
Waterloo	3,125	97.2	2.8	—	—	92.556	5th

Number of Cheese Graded and quality by Provinces (Federal Grader's Report, 1935)

	No. Cheese Graded	Per Cent First Grade
Prince Edward Island	1,824	97.53
Ontario	807,697	96.89
Manitoba	11,015	94.83
Quebec	199,761	93.75
Saskatchewan	4,919	79.59
British Columbia	75	77.33
Alberta	3,198	67.48

Herd Improvement

The herd tester tested samples delivered to the Agricultural Representatives' offices in Western Ontario and part of Eastern Ontario. He also checked the composite samples at milk distributing plants in a number of towns in the same district. Cheese and butter instructors tested herd samples delivered to any cheese factory or creamery in the Province. Reports on this work were all forwarded to the Agricultural Representatives' offices in the different counties for compilation, and reports forwarded to the herd owners.

Casselman Short Course

A very interesting three-day course in Cheesemaking was held at Casselman on April 14, 15, and 16. 119 cheesemakers and instructors registered. The Federal Dairy Branch conducted a cheese scoring competition for which the Eastern Ontario Cheesemakers' Association donated liberal prizes for the winners. The Director of Dairying supervised the practical demonstrations in making the cheese each day. All addresses given at the course, and explanations in connection with the demonstrations were translated in French.

EASTERN DAIRY SCHOOL

The General Course for cheese and butter makers was held during the winters of 1935 and 1936. In 1935 twenty students registered and eighteen graduated, while twenty-three registered in 1936, and twenty-two graduated. This course commenced the first week of January and closed the third week of March.

The Special Course for experienced cheesemakers, held February 12th to 15th, 1935, showed a registered attendance of sixty-four. In 1936 this course was held March 24th to 25th, with a registered attendance of one hundred and thirty-two. A similar course for buttermakers was held on March 27th, with a registered attendance of twenty-seven. These courses were highly appreciated, and it was the general opinion that to hold these short courses during the last week of March, immediately before the commencement of spring operations, was preferable to holding them in mid-winter as was formerly the case.

Besides the courses of instruction many meetings have been held in the school during the past year, including those of the Ontario Cheese Patrons' Association; The Central Ontario Cheesemakers' Convention; The Holstein Breeders' Association; Local Cheese Patrons' Association; Cheese and Butter Makers' Clubs, Kingston; Horticultural Society; Women's Institute of Frontenac County, and others. The attendance at these meetings ranged from 50 to 200.

During the period of 1935 to 1936, the School was operated as a cheese factory and creamery as in former years. A statement of the cheese and butter manufactured is attached herewith.

Whenever possible, and in response to all requests and enquiries made, the School has endeavoured to render service to cheesemakers, buttermakers, and dairy patrons, either by correspondence or personal contact. Numerous lactic acid cultures have been supplied to cheesemakers. During the summer the superintendent visited and addressed a number of cheese and buttermakers'

clubs, in addition to calls made at the cheese factories and creameries in the counties of Frontenac, Leeds, Prince Edward, Hastings, and Lanark.

Acting on the orders of the Minister of Agriculture, the School ceased to operate soon after the holding of the short courses and closed April 30th, 1936.

Manufacturing Statements

From November 1st, 1934, to March 31st, 1935

Creamery Department

Total lbs. of butter	23,894 lbs.
Total lbs. of fat in cream	19,316.4 lbs.
Lbs. of butter per 100 lbs. of fat	123.7 lbs.
Total amount received for butter and buttermilk	$5,851.30
Mfg. charges @ from 4½c to 3½c per lb.	1,017.79
Average selling price of butter	24.32c
Average price paid patrons per lb. of fat	25.03c

Cheese Department

Total lbs. of milk received	128,359 lbs.
Total lbs. of milk used in separator and milk test Depts..	3,094 lbs.
Average per cent of fat in milk	3.88%
Average lbs. of milk per lb. of cheese	10.43 lbs.
Average lbs. of cheese per lb. of fat	2.50 lbs.
Total lbs. of cheese made	12,008 lbs.
Average price received per lb. of cheese	10.9c
Total value received for cheese and cream	$1,343.61
Mfg. charges @ 2c and 1c per lb.	$ 177.76
Total amount paid patrons	$1,157.62
Average price paid per lb. of fat	23.18c
Average price per cwt. of milk	90.1c

Manufacturing Statements

From April 1st, 1935, to March 31st, 1936

Creamery Department

Total lbs. of butter	85,458 lbs.
Total lbs. of fat in cream	67,772.5 lbs.
Lbs. of butter per 100 lbs. of fat	122.48 lbs.
Total amount received for butter and buttermilk	$19,455.26
Mfg. charges @ from 4½c to 3c per lb.	$ 3,679.68
Average selling price of butter	22.6c
Average price paid patrons per lb. of fat	22.6c

Cheese Department

Total lbs. of milk received	799,844 lbs.
Total lbs. of milk used in Separator Dept. Milk Test Dept.	22,343 lbs.
Average per cent of fat in milk	3.5%
Average lbs. of milk per lb. of cheese	11.21 lbs.
Average lbs. of cheese per lb. of fat	2.52
Total lbs. of cheese made	69,331 lbs.
Average price received per lb. of cheese	11.09c
Total value received for cheese and cream	$8,185.38
Mfg. charges @ 2c and 1¾c and 1c per lb. of cheese	1,142.15
Total amount paid patrons	7,051.34
Average price paid per lb. of fat	23.9c
Average price per cwt. of milk	84.3c

NOTE: Cheese prices do not include bonus from the Federal Government.

AGRICULTURAL REPRESENTATIVE BRANCH

The work of the Agricultural Representatives in the various counties and districts of the Province is largely educational in character. They work with individuals and groups and are closely associated with practically all agricultural organizations carrying on a worthwhile programme in the interests of agricultural betterment. Contacts are made through personal visits to farms; by interviewing callers in the office; by attending and addressing meetings, field days, picnics and plowing matches; and by conducting demonstrations and judging competitions through definite project work. Requests through correspondence and telephone calls for specific information are increasing from year to year, which tends to show how much the service of the Representative is appreciated.

OFFICE WORK

A glance at the following table shows in a general way, on the average, the correspondence entailed, the requests for information by telephone and personal visit, the meetings attended and addressed and contacts made during the past year by the Agricultural Representatives:

	1935—1936
Letters Received	1,994
Letters Written	1,944
Circular Letters Mailed	9,852
Incoming Telephone Calls	1,619
Visitors	2,339

	1935-36
No. Meetings Addressed	55
Attendance at Meetings	2,922
Additnonal Meetings Attended	22
Mileage	17,460

LIVE STOCK IMPROVEMENT

The main project in live stock improvement work was the control of parasites in horses, cattle, sheep, swine and poultry and the Agricultural Representatives co-operated closely with the Provincial Zoologist, the Ontario Veterinary College, the Ontario Agricultural College, the Kemptville Agricultural School, the Ridgetown Experimental Farm and the Provincial and Federal Live Stock Branches.

HORSES

Much encouragement was given to the horse industry, which has shown a decided improvement over the past year. There was a good demand for horses at a fair price. Stallion owners almost doubled their business last year and the 1936 spring crop of foals will probably be the largest in the last ten years.

Bot Fly Control

Bot Fly control work was carried on in a number of counties, although possibly not as extensively as in the year 1934. 43,308 horses were treated in the Province during the year.

CATTLE

Warble Fly Campaign

A campaign for the control of warble flies in cattle was more or less of a major project in a number of counties, the Agricultural Representatives working with the Advisory Boards of County Councils, Live Stock Improvement and

Breeders' Associations, Township Councils, School Teachers and others. In some counties an endeavor was made to have the county so thoroughly organized that every cattle owner would treat his cattle at three different periods. In many cases the County Council paid for the powder and the cost of distribution.

In other counties, arrangements were made to have dealers stock a supply of warble fly powder for farmers who wished to treat their cattle. In 20 counties 426,622 cattle were treated for warble flies.

Cow Testing

Changes in the Cow Testing policy, in which the fee per cow was raised from 25c to 50c, resulted in a great many farmers withdrawing their herds from testing. During 1934 over 10,000 cows were tested, while during 1935 only 2440 cows were tested.

T. B. Eradication

Owing to the situation created by the Toronto Milk Distributors demanding that all milk supplied to their dairies should come from Government T. B. tested herds, a movement was sanctioned to permit all cattle owners in the counties of Durham, Halton, Northumberland, Ontario, Peel and York to signify their desire to have these counties included in a Restricted T. B. Free Area. Educational meetings were conducted by the Agricultural Representatives, in co-operation with the officials of the Ontario Live Stock Branch, and the following percentage of farmers indicated their desire to have this work carried on:

Durham	85.2	Ontario	72.5
Halton	75.0	Peel	69.9
Northumberland	84.3	York	82.2

Testing under this Restricted Area Plan commenced during the month of February and the following statistics from Northumberland County, from Feb. 20th to March 31st, are of interest:

Results of Testing

	Herds Tested	Cattle Tested	Reactors	Infected Premises	Per cent Reactors	Compensation
Brighton Twp.	150	1,057	83	41	7.8	$2,701.00
Murray Twp.	181	1,735	41	26	2.3	1,357.00
Seymour Twp.	178	1,705	89	30	5.2	2,893.00
Totals	519	4,497	213	97	4.7	$6,951.00

Statistics on Testing

Cattle owners dissatisfied with compensation 0
Cattle owners dissatisfied with returns from market 0
Opposition to test 0
Average compensation per infected animal $32.00
Destination of infected cattle—Toronto, Peterboro, Montreal. Mostly direct to Packers.
Trucking Charges ..... Toronto $2.75
Peterboro 1.70
Market returns for infected cattle other than those condemned—$1.65 per cwt. to 3½c per lb. for dairy cattle.
Percentage of infected cattle condemned—5%.
Total herds reacting—2; with a third herd losing 35 out of 90.
Cost of cleaning infested premises—$12 to $30 if let by contract.

SHEEP

In co-operation with the Provincial Zoologist and officials of the Federal Department of Agriculture, 27 demonstrations in the control of parasites in sheep were conducted in 8 counties, with 2,758 sheep being treated.

Besides these demonstrations, the Representatives displayed in their office windows and offices placards depicting the losses and types of parasites with the result that many farmers treated their sheep, outside of those treated in demonstrations. All together, 31,280 sheep were treated in the Province during the year.

In a limited number of counties, lamb fairs were conducted in 1935, which usually resulted in better prices being received for lambs, which were put through a fair and properly graded, than for sales on the open market. Lambs from the Middleville Lamb Fair last year returned to the farmer $1.10 per cwt. higher than the local price offered the same week.

A supply of wool sacks was carried by all of the offices and farmers were encouraged to ship their wool co-operatively.

SWINE

The hog industry was one of the bright spots in Ontario Agriculture in 1935, as prices were very satisfactory compared to the price of feed grains. As in 1934, the control of parasites was stressed.

Bacon Hog Fairs

In the south-western portions of the Province, in co-operation with the Provincial and Federal Live Stock Branches, considerable work was done in introducing bacon type breeding stock. To follow up this work in the fall of the year, Bacon Hog Fairs were conducted.

POULTRY

As a result of conducting poultry culling demonstrations during the last fifteen years, the majority of good poultrymen are sufficiently familiar with culling to do their own. It would now appear that the two most important problems to be attacked are the control of poultry parasites and the marketing of dressed poultry and eggs.

Poultry prices have maintained a very satisfactory level, with the result that it is less difficult to encourage the average farmer to finish his birds before marketing.

In co-operation with the Dominion Live Stock Branch, a number of wax plucking demonstrations were conducted. These were well attended and have resulted in poultrymen, who are producing poultry in volume,wax plucking their birds before marketing.

In Lanark County, last year, poultry fairs were held in five towns and a large volume of chickens and turkeys was sold.

SOIL AND CROP IMPROVEMENT

The trend of soil improvement work seems to be towards soil analyses. Farmers are awakening to the realization that there is a great variation in soils, not only in a district but also on the individual farms and fields and those who have been studying soil problems are anxious to know more about fertilizer requirements for their own farms. This has meant that the Agricultural Representatives have found it necessary to do considerable soil testing and, in many cases, have been invited to personally visit farms and make recommendations on the types of fertilizers needed.

In co-operation with the Chemistry Department of the O.A.C. and the Chemical Fertilizer Companies, a number of fertilizer experiments have been conducted in every county. In many cases these expriments were conducted in conjunction with grain variety tests and formed an excellent basis for field meetings, 54 of which were held in the Province with an average attendance of approximately 55.

During the early spring months 90 townships and community meetings were held, at which problems concerning better seed and fertilizers were discussed. There was an average attendance of 46 at these meetings.

Seed Cleaning Plants

In co-operation with the Crops, Seeds and Weeds Branch of the Ontario Department of Agriculture, the Agricultural Representatives have been instrumental in having established up-to-date seed cleaning plants, to which farmers bring their grain and small seeds for cleaning and grading. There are now 58 of these plants in the Province.

POTATOES

The yield of potatoes in 1935 was considerably below that of 1934 but, although the yield was down, the price was much more satisfactory and practically all the potatoes produced were sold within the Province. Some excellent work was carried on in the County of Simcoe where a county-wide potato project was inaugurated.

The County-wide Potato Fair, as held at Barrie last November, and as reported below, including as it did special classes for market potatoes, had certain immediate results in drawing the attention of potato buyers to Simcoe County and also in stimulating the growers to grade and pack their products in a more attractive manner. One Toronto potato dealer alone bought 3,000 bags of potatoes immediately following the County Potato Fair and directly as a result of the Fair.

Present and future efforts in potato work are being directed more and more towards the discovery of those factors which determine quality in potatoes. With this in view, new varieties are being tried out and cooking tests planned with the object of checking the effect of fertilizers, late planting, frost, storage conditions, etc., on the edible quality of the crop and the general market value.

Field Crop Competition in Potatoes

Four field crop competitions in potatoes were organized by the Agricul-

tural Representative in North Simcoe, in co-operation with the Agricultural Societies of Barrie, Oro, Orillia and Midland, with membership as follows:

Barrie	21
Oro	28
Orillia	23
Midland	14
	86

Each member of the competition was given two field inspections, one for purity of variety and freedom from disease and the second for yield and quality of potatoes. Prize winners were also required to exhibit one dozen potatoes at the Fall Fair or at the special Achievement Day.

The co-operation of the Agricultural Societies and the enthusiastic support given by the members was all that could be desired and this work may be claimed to have been a very definite move towards the improvement of potato production and marketing in Simcoe County.

All potato inspection work for field crop competitions and Boys' Potato Club work was done by Mr. R. E. Goodin, of the Dominion Certification Branch, and our appreciation is due to him for his very efficient co-operation.

Simcoe County Potato Fair

The Simcoe County Potato Fair, held at Barrie on November 12th and 13th, 1935, was carried through to a very successful conclusion. This Potato Fair brought to a conclusion, at a central point, a rather extensive potato improvement programme as carried on in both North and South Simcoe, with 12 Boys' Potato Clubs and 6 Field Crop Competitions, with a total membership of 441.

The County Potato Fair was financed with a grant from the Simcoe County Council of $300 with grants totalling $85 from Vespra, Oro, Flos and Tiny Townships and with co-operation and assistance also received from Kiwanis Clubs, Agricultural Societies, commercial concerns and others interested.

TOBACCO

The Agricultural Representatives in the south-western counties, in which Tobacco is a main crop, rendered a good deal of assistance in the organization of the Tobacco Marketing Boards. The Flue-cured Tobacco Marketing Board in Norfolk County has advanced to the stage where it is well handled and managed by its own organization, but the Burley Tobacco Marketing Board, which was organized in 1935, demanded and received a great deal of assistance from the Agricultural Representatives in the Counties of Kent and Essex.

WEED CONTROL

The Agricultural Representatives, in co-operation with the Crops, Seeds and Weeds Branch, organized meetings and assisted in conducting Chemical Weed Killing Demonstrations. Unfortunately there seems to be an impression abroad amongst municipal officials and weed inspectors that they do not wish to cause any inconvenience or trouble by forcing the cutting and destroying of weeds.

In one or two counties where they are making an earnest effort to control

weeds, progress can be noted. Comments from the report of the Agricultural Representative in Kent County are interesting:

Kent: "Annual Weed Meeting—County weed inspectors, supported by Municipal Councils, made progress in 1935 and, generally speaking, the ratepayer regards the weed inspector as one who is performing a real and essential service. All rural municipalities within the county supply their inspectors with chemicals and equipment for spraying sow thistle."

Chemical Weed Killing Demonstrations, as arranged for by the Agricultural Representatives, have created a great deal of interest and when it is demonstrated that weeds can be controlled by this method, at reasonable cost, this method will be practised to a greater extent.

FRUIT

The Agricultural Representatives rendered assistance to the fruit growers by sending out spray service letters. This work apparently is appreciated very much and is still in great demand. During the season an average of eight letters were sent to 4409 farmers in the Province.

PLOWING MATCHES

Plowing matches are still popular. The Agricultural Representatives were called upon, in many cases, to act in an advisory capacity on the Boards of the various Plowmen's Association and assist in the selecting and laying out of fields and in the conducting of the 67 matches which were held, with 2,091 competitors.

MARKETING

The Agricultural Representatives were asked to assist with many marketing problems, especially those dealt with under the Natural Products' Marketing Act. Organization and executive meetings were arranged for the Ontario Potato Growers, Burley Tobacco Growers, Bean Growers, Asparagus Growers, Grape Growers, Ontario Swine Producers, Ontario Cattle Breeders, Ontario Milk Board, Poultry Pools and the producers of canning crops.

JUNIOR EXTENSION WORK

Junior Extension work embraces the following phases:

(1) Rural School Fairs—
For boys and girls, 8 to 14 years of age.

(2) Boys' and Girls' Club Work—
For boys and girls, 12 to 20 years of age.

(3) Short Courses in Agriculture and Home Economics—
For young men and young women, 16 to 30 years of age.

(4) Junior Farmer and Junior Institute Work—
For young men and young women, 16 to 30 years of age.

Generally speaking, the programme for these young people has a great appeal to all classes in the community. It is interesting to note when comparing statistics for the ten-year period, 1925 to 1935, that school fairs continue

to reach well over 100,000 rural school pupils each year and that club work has increased from less than 1,000 to well over 5,000 members in a similar period. The courses in agriculture for young men and home economics for young women attract each year approximately the same number of students.

RURAL SCHOOL FAIRS

In close co-operation with the Department of Education, through the Public School Inspectors, the Agricultural Representatives conducted 520 rural school fairs in 1935. This was a slight increase over the previous year. From year to year an endeavour is made to co-relate agriculture and education by having the pupils undertake some simple project and exhibit the result of their summer's work at the rural school fair in the fall.

Statistics for the years 1934 and 1935 are as follows:

	1934	1935
No. of School Fairs held	507	520
No. of Schools taking part	4,769	4,397
No. of children taking part	111,522	110,092
No. of entries at the fairs	336,090	335,878
No. of children attending fairs	141,290	141,667
No. of adults attending fairs	180,194	162,561
Total attendance	321,484	304,228

BOYS' AND GIRLS' CLUB WORK

Club work is definite project work for boys and girls between the ages of 12 and 20 years and the principle embodied in the phrase, "Learn to do by doing," is carried out to the fullest extent possible.

The age period during which boys and girls are susceptible to direction appears to extend over a period of twenty years and it is highly desirable to give these boys and girls something definite to do and to encourage a healthy, friendly rivalry amongst them.

The outstanding feature of junior club work is that each member must carry on a substantial piece of work on the home farm, designed to show some improved practice on the farm or in the home or in the community; keep a record of results; explain or answer questions about the club project; take part and give oral reasons in judging competitions; make a final report on the work and exhibit at an Achievement Day held in the fall of the year.

The following statistics give ample proof of the popularity of club work:

Project	No. of Clubs		No. of Club Members	
	1934	1935	1934	1935
Boys' Calf Clubs	49	54	960	1,032
Boys' Swine Clubs	17	5	197	99
Boys' Foal Clubs	27	36	447	629
Boys' Grain Clubs	41	42	789	760
Boys' Potato Clubs	26	32	536	693
Boys' Home Garden Clubs	18	16	414	358
Girls' Home Garden and Canning Clubs	51	56	973	1,027
Boys' Sheep Clubs	31	3	412	64
Boys' Poultry Clubs	2	4	143	77
Miscellaneous Clubs	23	175	720	1,007
Totals	285	423	5,591	5,746

SHORT COURSES IN AGRICULTURE AND HOME ECONOMICS

Since 1912, this Department has conducted Short Courses in agriculture and home economics and from the year of their inception they have continued to be appreciated by the young people of the rural districts and it is interesting to note that the enrolments have remained fairly constant for the last decade.

As a rule, a Course in Agriculture and a Course in Home Economics are conducted concurrently in the same locality. The local municipality supplies the accommodation and fuel, the Agricultural Representative Branch the instructors in agriculture and the Women's Institute Branch the instructresses in home economics.

Three types of courses are conducted, depending on the requests of the local people—a Three Months' Course, a One Month's Course and a Two Weeks' Course, the latter confined chiefly to Northern Ontario.

The number of courses and attendance are as follows:

Course	No. Held	No. Students Enrolled
One Month Courses in Agriculture	35	1,250
Three Months' Courses in Agriculture	7	228
Special Courses in Agriculture	25	1,298
One Month Courses in Home Economics	33	1,366
Three Months' Courses in Home Economics	7	230
Special Courses in Home Economics	4	102
Totals	111	4,474

JUNIOR FARMER ASSOCIATIONS

As a medium to hold together community groups of young people for further study periods and to develop community relationships, the members of the Short Courses usually organize themselves into Junior Farmer Associations and Junior Institutes and hold monthly get-togethers.

There are now in the Province, 123 Junior Farmer Associations with an average membership of 20. The more active and progressive organizations play an important part in carrying out the agricultural programme of a county. They hold the confidence of the senior organizations such as the Agricultural Societies, Plowmen's Association, municipal bodies and are in many cases invited to assist with such projects as warble and bot fly programmes.

JUNIOR FARMER PLOWING COMPETITIONS

As a means of interesting the young farmers in good plowing, competitions are held for juniors only, the work being conducted on the home farm or at one central point. From these competitions many of our good plowmen are developed.

At the International Plowing Match, a special class for county teams of three is offered and at the 1935 match at Caledonia, 51 contestants competed.

Home Plowing Competitions were held in 17 counties with a total of 251 competitors.

JUDGING COMPETITIONS

Judging competitions in live stock and seed give to the young men taking part an appreciation of good live stock and high class seed. These contests are featured not only in the county but at the larger fairs and exhibitions and may be classified for statistical purposes as follows:

(a) County competitions.

(b) Individual competitions at exhibitions.

(c) Inter-county competitions.

County Competitions

Agricultural Representatives in 43 counties conducted county competitions in which 1,636 young men participated.

Individual Competitions at Exhibitions

Special classifications for judging competitions embodying an attractive prize list are drawn up and sponsored by the Fair Boards. The Ontario Department of Agricultural supplies judges and undertakes to supervise the contests at the Class A exhibitions.

Exhibition	No. of Entries
Canadian National Exhibition	395
Central Canada Exhibition	242
Western Fair	102
Peterboro Industrial Exhibition	139

Inter-County Competitions

At the Royal and Ottawa Winter Fairs, inter-county competitions in live stock and seed judging, open to teams of three young men under 26 years of age, were a special feature. At the Royal Winter Fair, Peterborough County won the Jeffrey Bull Memorial Trophy in live stock judging; at Ottawa. Peterboro County won the Ottawa Winter Fair Trophy for live stock judging and Renfrew County the Senator Hayden Challenge Cup for seed judging.

The number of teams competing was as follows:

Exhibition	Type of Competition	Counties Competing
Royal Winter Fair	Live Stock	29
Ottawa Winter Fair	Live Stock	13
Ottawa Winter Fair	Seed	12

CROPS, SEEDS AND WEEDS BRANCH

The work of the Crops, Seeds & Weeds Branch from April 1st, 1935, to March 31st, 1936, was confined to reorganization. This comprised the drafting of a new Weed Control Act, a new Clean Grain Act, supervising Government subsidized seed cleaning plants, directing District Seed Fairs, establishing new cleaning plants, appointing new Weed Inspectors, supervising weed exhibits, holding Weed Inspeceors' meetings, crop improvement meetings and the operating of a seed cleaning car in Northern Ontario.

WEED CONTROL ACT

The new Act was drafted with the idea of making it more applicable to the new conditions confronting the municipality, councils and farmers. Clauses covering such matters as power of entry, controlling screenings from seed cleaning plants, mills, etc., registration of threshing mills, incompetence and the control of destroying crops for weeds. In short, the aim was to make the working of this Act as definite, direct and simple as possible so that everyone may understand it.

AN ACT TO PROVIDE FOR THE SALE OF CLEAN GRAIN

This Act was compiled solely for the purpose of controlling the shipping and trading of uncleaned grain, especially feed grains and screenings. These have proven a great factor in the polluting of clean land with noxious weeds.

SUPERVISING GOVERNMENT SUBSIDIZED CLEANING PLANTS

There were forty-two of these plants in operation. The majority were visited three times and there was no plant which did not receive at least one inspection. The operators were instructed and shown, wherever possible, best methods of setting up their equipment in order to do the best class of work. New machines were recommended, new and up-to-date screens were ordered, uniform and fair tariffs arranged, cleanliness of plants and the care of weed seeds were strictly enforced.

NEW SEED CLEANING PLANTS

Fifteen new cleaning plants were established during 1935 and were installed at Renfrew, Carp, Arnprior, Spencerville, Parkhill, Paris, Elmvale, Wyoming, Shetland, Bridgeport, Norwich, Boston, Dundalk, Shannonville, Martintown.

There are other similar plants at Kemptville, Ottawa, Earlton and Emo. These plants, together with the forty-two previously established, make a total of fifty-seven government assisted cleaning plants in the Province, where farmers may have their seed cleaned at reasonable prices.

A seed cleaning plant was placed in a car which operated in Temiskaming District. This travelling seed cleaning outfit did excellent work and was appreciated by the farmers in that area.

The estimated number of farmers who had their seed cleaned at these plants was 8,000.

The total amount of seed cleaned by these plants for 1935 compared with 1934 was as follows:

	Bushels of Grain	Pounds of Seeds
1934	114,476	1,506,684
1935	372,737	3,100,000

DISTRICT SEED FAIRS

Some five District Seed Fairs were held during January, February and March.

At the Essex Corn Show held at Essex some 400 exhibits of corn were shown. The exhibits were arranged in such a manner as to make a very attractive display. This show is unique, as it is the only seed fair in Canada where corn only is in competition. It was estimated that 1,000 people attended this fair daily.

The Chatham Seed Fair was held in February. Entries were open to five counties, namely, Essex, Kent, Elgin, Lambton and Middlesex.

Other District Seed Fairs were held at Cobourg, Renfrew and Petrolia, all of which were in the same class as the Essex and Chatham Fairs. Each were a credit to their district and to those who made the show possible.

INTERNATIONAL GRAIN AND HAY SHOW, CHICAGO

Ontario exhibits at the International Grain and Hay Show, held at Chicago in December, were given assistance through the Crops, Seeds and Weeds Branch. 172 exhibits were sent and 150 prizes were claimed. As compared with the results of the previous year, when 200 exhibits were forwarded and 130 prizes won, this shows a substantial improvement in the class of exhibits.

APPOINTMENT OF WEED INSPECTORS

As the Weed Control Act provides for each rural and urban municipality appointing a Weed Inspector, 1,016 in all were appointed. This total was made up as follows: Township Inspectors 687, Cities 28, Towns 146, Villages 155. The supervision of this number of Inspectors requires six District Inspectors, who were located in Western Ontario, Central Ontario, Eastern Ontario, Northern Ontario, North-Western and North-Central Ontario.

Each Weed Inspector appointed by the municipality was supplied by the Crops, Seeds and Weeds Branch with weed Acts, weed bulletins, notice books, weed posters, etc. Some 20,000 circular letters were mailed to these 1,016 inspectors during the season: 3,000 circulars were sent to the press in Ontario; 3,000 coloured posters on "Dodder" were posted up in those districts, where this weed gave evidence of increasing.

Every effort was made to locate any new noxious weeds and to advise the farmers of the dangers of these plants and best methods of their control.

During the year forty County Weed Meetings were held, where all the Municipal Weed Inspectors attended for one full day. Others interested, such as Councillors, Reeves, Wardens, Road Supervisors, Engineers, etc., were invited.

The Weed Control Act of 1935 called for the registration of all threshing machines within the Province. This entailed a great amount of work, as there were no means of the branch securing names and addresses other than through the Township Weed Inspectors. Some, 6,000 registered, however, and of this number approximately 1,000 did not thresh for hire. A license (which had to be posted on the threshing mill) was issued by this Department to those who operated their machine for hire.

Experiments with chemicals for the destruction of weeds were carried on during 1935. Some 125 experiments were made during the growing months. These were so arranged that about three points in each county from the St. Clair River to the Ottawa River were selected and some twenty different noxious weeds were treated. This work proved to be so satisfactory that the Crops, Seeds and Weeds Branch has come to the conclusion that the use of chemicals to destroy noxious weeds on roadsides, fence rows or other places where cultivation is impossible is the only sure method. A bulletin entitled "Experiments with Chemical Weed Killers" has been published, which outlines this work in detail. It is now ready for distribution.

CROP IMPROVEMENT

Crop improvement is a combination of the work already mentioned in this report, together with such work as the assistance given farmers who require car lots of lime, paying grants to Boys' and Girls' Grain and Potato Clubs, checking and regulating seed grain distribution, supervising educational exhibits at fairs and conventions, and supplying speakers at various meetings held throughout the Province.

ONTARIO COMMISSIONER OF AGRICULTURAL LOANS

Collections for the period of both principal and interest payments showed a decided improvement, with an increase of $503,665.40 over the corresponding twelve months. Out of a total of 16,504 mortgagors, 75.4 per cent made payments of some amount during the year. The county of Norfolk showed the highest percentage at 88 per cent, while in the district of Sudbury in the north showed a percentage of only 50.3 per cent.

ARREARS OF PRINCIPAL AND INTEREST

You will notice by the Balance Sheet that the arrears of interest outstanding on our books amount to $4,569,480.31, while the arrears of principal which would not appear on our Balance Sheet amount to $4,343,573.22, making a total of all arrears of $8,913,053.53.

FARM PROPERTIES OWNED

Farms on hand numbered 562, and are carried on our books at $2,692,-703.76. There were 507 farms taken over during the period, and 333 disposed of.

Our policy of co-operation and assistance to the farmer is being carried out to the fullest extent, and we have also to the best of our ability endeavoured to co-operate with the Farmers' Creditors Arrangement Act officials where possible.

This principle has resulted in the re-amortization of a great many mortgages which in many cases means the waiving of principal payments entirely for a period of three years, and the charging only of our interest rate of four per cent.

ONTARIO COMMISSIONER OF MARKETING

The programme of agricultural marketing activity, as carried on by the Commissioner of Marketing, for the year just closed has been widely varied. Due to the unsettled but improving economic situation, both on domestic and export markets, farmers have found themselves in a peculiar situation, forcing them to give considerably more thought to the business end of their operations than ever before. This has resulted in more calls than heretofore on the advice and assistance of this office.

Some of the activities of the past year are briefly outlined in the following, which should prove of considerable interest to those engaged in or interested in Ontario agriculture.

SMALL FRUIT PRICES TO JAM MANUFACTURERS

On April 10th, 1935, there was created by Dominion Government Order-in-Council under the provisions of the Natural Products Marketing Act, 1934, the Canada Jam Marketing Board.

As one condition of obtaining the powers granted them the jam manufacturers undertook to guarantee fair prices to the growers for the small fruits they required in processing.

Realizing the opportunity this presented Ontario growers a small sum of money was provided from the appropriation of this office for organization expenses in negotiating prices.

A representative Committee of growers and jam manufacturers was appointed by their respective organizations with power to arbitrate when a decision could not be arrived at in Committee. During June, July and August the following agreed on prices were arrived at to Ontario growers supplying these crops to jam manufacturers and processors.

Strawberries	7c per qt.
Raspberries	6c per pt. 12c per qt.
Montmorency Cherries	3½c per lb.
Richmond Cherries	3c per lb.
Gooseberries	7c per lb.
Plums: Shropshire, Damsons, Grand Duke, Monarch, Reine Claude, Black Diamond, Green Gages, Bradshaws, Coe's Golden Drop	1¼c per lb.
Plums: All other earlier and softer varieties, no dockage allowed	1½c per lb.

These prices, equal to or greater than those of the preceding year, were profitable in view of the facts that: the strawberry yield was officially computed last season to be 75 per cent greater than the preceding year: raspberries

to be 35 per cent greater than the preceding year; cherries to be 23 per cent greater than the preceding year; plums to be 20 per cent greater; and gooseberries about the same.

The removal of this quantity of berries from the market, plus the regulated price to the jam manufacturers, prevented a complete collapse of the fresh fruit market as would otherwise have been inevitable in view of the enormously increased crop this season.

It is difficult to estimate accurately what these negotiated prices meant in terms of dollars and cents to Ontario growers. The chairman of the Jam Marketing Board estimates growers realized an additional $20,000, all market factors of last year considered. The actual amount, in any case, was quite substantial.

The future of this particular activity is discussed elsewhere in this report under the section on the Natural Products Marketing Act.

THE ONTARIO CHEESE PATRONS' MARKETING BOARD

The Ontario Cheese Patrons who have been organizing themselves, County by County, during the past two years and who became federated into a Provincial Association a year ago, became an actual operating Local Marketing Board in June of this year under authority of the Natural Products Marketing Act.

To this office this organization is the first step of the most constructive and progressive movement in the Ontario cheese industry in twenty-five years. It marks the close of one phase of three years' effort to educate the cheese patrons to reorganize and regulate the marketing of their own product.

The produce trade is rightly alarmed at the dwindling of the cheese industry during the past several years and is prepared to co-operate to the full in any measures adopted by the Local Marketing Board to improve prices. The trade recognizes that anything done to correct the situation is to their advantage. At a recent conference in Montreal, Quebec, where was represented over 90 per cent of the handlers of Ontario cheese exported, the trade went on record as being willing and anxious to co-operate with the Cheese Patrons in their move to reorganize the marketing system of the industry.

Following is a brief summary of the Cheese Patrons' programme and indicates the direction their energy will be first exerted:

(1) To require all cheese to be sold on Cheese Boards under uniform rules and regulations and thus stimulate competition in cheese buying.

(2) To develop and increase the domestic markets for cheese. The consumption of cheese in Canada is very low compared with some other countries—only some 3½ pounds per capita—while in Great Britain it is three times that.

(3) To press for consumers' grades for cheese in Ontario. Nearly all other agricultural products are retailed on a graded basis and the cheese patrons feel their product should build up a consumer preference in the same way.

(4) To consider the advisability of establishing selling agencies or other commercial organizations to undertake domestic cheese marketing.

(5) To make every effort to establish greater confidence in the minds of cheese merchants in Great Britain respecting the fine quality of Ontario cheese, especially the cheese made in the late fall and winter months.

(6) To consider the advisability of establishing central assembly, grading and weighing stations in suitable districts with a view to having cheese graded and weighed before offered for sale and to have cheese sold on score instead of on grade.

(7) To experiment with storage of cheese for different stages of maturity with a view to obtaining for the patrons some portion of the higher prices paid for mature cheese.

(8) To give County Patrons' Associations assistance in transportation problems, purchasing supplies and reducing operating costs.

(9) To maintain a commercial representative in the British market for the general purpose of promoting a better demand, at higher prices, for export cheese. Such a representative to keep the patrons and factories advised of market conditions and help in reducing the spread in price fluctuations. The representative to open up, if possible, alternative channels of direct cheese export from Ontario factories to the British market.

Already points (1) and (9) have been acted upon fully. A recent Board order will require this year that every cheese produced in Ontario east of Toronto can only be sold on a Cheese Board in open competition.

More recently the Board has appointed Mr. T. W. Grieve, Montreal, Que., as its Overseas Commercial Representative. Mr. Grieve will proceed to England this Spring.

All cheese patrons through their factory listing have been registered and every cheese buyer licensed.

Steps are also under way to establish central grading, weighing and storage stations in the districts suitable for such facilities.

The Cheese Patrons now look forward from this point to an expansion of the Provincial cheese production, to an increase in the volume of cheese for export and to continued improvement in quality and increased volume of cheese offered for domestic sale. It is realized that if our cheese industry can be restored to its former proportions the so-called surplus milk problem of the Province will disappear.

WESTERN ONTARIO BEAN MARKETING BOARD

Lack of effective organization among growers and dealers which led to price cutting and demoralized marketing in the handling of this crop had so lowered returns that growers were realizing considerably less than the actual cost of production.

The first effort by this office to correct the situation two years ago was a voluntary one which did much useful work. The price of beans was raised out of its panicked position but the movement was disrupted through repudiation of the agreement by a number of parties for various reasons.

As a result of this experience growers realized some plan with power to compel adherence to the wish of the majority was necessary and the authority of the Natural Products Marketing Act early this year was invoked. The Local Marketing Board set up was simply a negotiating body which met to arrive at some economical level of prices. All buyers of beans were licensed and prices gradually advanced from around 50c per bushel for hand-picked Whites and 75c per bushel for Yellow Eyes to $1.35 per bushel and $1.75 per bushel respectively. A pool was created, built up by a deduction from the sale of all beans, to enable the export of any surplus that might develop.

In February, due to the reference of the Natural Products Marketing Act to the Supreme Court and the uncertainty that developed respecting the authority of Board orders, its operation was temporarily discontinued until judgment was rendered on the legislation in question. The suspension of the Local Board's orders immediately resulted to a return to demoralized market conditions with prices very considerably lower than the law of supply and demand would seem to justify.

Provided a favourable Supreme Court ruling is brought down the Western Ontario Bean Marketing Board, in all probability, will resume its functions.

SOUTH ESSEX CO-OPERATIVE GROWERS' EXCHANGE

For years past this successful market gardeners' organization has been operating to its members' advantage in South-Western Ontario.

Gradually, however, and particularly during the past year or two, conditions became more difficult as growers dropped out of the membership or shipped their produce outside of the Exchange. So many followed this practice this year, however, that the Co-operative's collective packing and marketing plan, which gave stability to the price structure for the whole district, i.e., to both members and non-members, broke down this year so that it benefitted neither group.

Growers then realized that in staying outside of the organization they were in fact losing money and the situation was ripe for a re-organization of the whole enterprise.

This office was appealed to for advice and assistance in the matter and after several conferences with both groups a common basis of agreement between the Co-operative members and the independents was drafted under which all could unite. After many further discussions and some changes in the sales policy of the Co-operative a common agreement was arrived at and a unified marketing policy again adopted for the district.

The final vote on the matter gave 85.1 per cent of the growers in the whole area producing over 90 per cent of the important crops (peas, podbeans, cabbage, cauliflower, tomatoes and cucumbers) in favour of the reorganization. All groups, therefore, will be united in marketing these crops

this year and in future. It is anticipated, as a consequence, that the favourable benefits from organization which accrued when the Co-operative was first established will again result.

ONTARIO A-1 EGG PRODUCERS' ASSOCIATION

Preliminary difficulties previously reported in getting the Ontario A-1 Egg Producers' Association under way have now been overcome, membership is growing and the volume of eggs handled constantly increasing.

The future success of the Association, providing constant care is exercised towards guaranteeing high quality at all times, seems assured.

Without costing any Government anything the new A-1 Grade of egg has been solidly established on the market. Yet had it not been for the leadership offered the commercial possibilities of the new grade to the producers might never have been recognized.

This office continued to direct the operations of the Association for the past year. Its membership of high-class commercial poultry farm producers is purely voluntary. Their efforts have been self-financing and the poultry producers participating have received at least $15,000 additional money for their eggs marketed in this way.

Advertising, store cards, radio work and other publicity have all been carried on out of the Association's funds.

This year operations were expanded to include the handling of graded A-1 eggs loose and packed in cartons on arrival at destination. For this purpose the Association maintains a receiving room and employee in Montreal, Que. A similar facility, it is expected, will be opened shortly in Toronto, Ont. This extension provides for the packing of A-1 eggs, still under the control of the Association, in private brand cartons as well as in the official Ontario trade-marked carton and thus enables the Association to become more solidly established and undertake wider operations.

CONSUMER GRADES FOR BUTTER

This is a matter that has been constantly pressed forward for the past two years.

Briefly, the situation now is that the four Western Provinces: British Columbia, Alberta, Saskatchewan and Manitoba, have compulsory consumer butter grading standards in effect. Furthermore, Quebec is closely studying the matter with the view of taking definite action shortly.

The Ontario distributing inteersts: Chain Stores. Department Stores, Packers, United Farmers' Co-operative Co. (largest single Toronto handler), and various Creameries have already endorsed the idea.

At a conference held last fall, at which was present representatives from all the leading chain store organizations, the large department stores and the independent retailers, a resolution was passed asking the Ontario Government to make compulsory the present voluntary Dominion legislation providing for the establishment of consumer butter grades. Acting on this and other

similar recommendations the Ontario Minister of Agriculture, during the 1936 Session of the Legislature, provided for the necessary legal enactment.

Arrangements were also completed with the Dominion Department of Agriculture to carry out the necessary inspection work and it is anticipated that public enforcement of the new regulation will commence on August 1st, 1936.

It is believed this move will do much to improve both the quality and the demand for No. 1 cream from the producer and at the same time guarantee the consumer he or she can obtain a first grade product at all times if so desired.

TORONTO UNION TERMINAL MARKET

Ontario commercial fruit and vegetable growers need and are petitioning for better facilities than now exist in Toronto for marketing their products wholesale. They require an up-to-date regional or terminal market. For a score of years and longer they have realized this problem and have agitated for its solution. Back in 1906, for instance, the situation was investigated at the request of a number of the leading growers and a report was published recommending the erection of a new market. Again in 1912 a similar report was made public. Farm periodicals and the Toronto daily papers repeatedly have brought the matter to the attention of the public. The wholesale dealers and commission agents themselves, in most cases, have changed their minds and are now in favour of some new method of handling Ontario grown fruits and vegetables.

The need for such a facility is beyond question. It is doubtful if there is any city in North America so badly organized or served in this regard. The only wholesale fruit market in the city is the old original Grand Trunk station, which is totally inadequate, is exclusively a single railway facility to which neither the other railway nor trucks are freely admitted. It is so located that it is impossible for retailers to take deliveries. The physical costs of handling produce through this terminal are claimed to be three or four times more than is necessary. The resulting high commission charges are driving Ontario supplies from the market. Ontario fruits and vegetables are marketed in Toronto in a wholly disorganized manner and at ruinous prices to the grower by various classes of dealers who make as much or more money out of buying and selling low grade supplies as out of good produce. The public is badly served with poor quality produce. The growers are losing a market rightly theirs for their quality produce.

On the other hand in nearby American cities large modern terminal facilities are operating to splendid advantage and situations parallel to that in Toronto have been corrected. What is needed is a large union produce market open to anyone who desires to sell wholesale and in which both growers and dealers can co-operate to correct the present intolerable conditions. To it both railroads, trucks, and boat traffic should have access. Its management and control should be a joint grower and dealer matter with Government regulation and supervision. The city should require all wholesale supplies to pass through it for inspection and to relieve street traffic.

Realizing the situation was one that required a thorough enquiry to reveal all the facts in order to bring together the conflicting elements this office recommended the appointment of Mr. P. A. Fisher, a leading Ontario fruit grower, to make such an investigation. The Ontario Government granted

the request and in March of this year Mr. Fisher made his report to a Provincial Conference of all interested parties called to discuss the matter. This Conference, acting on Mr. Fisher's report, appointed a Permanent Terminal Market Committee, thoroughly representative of all interested groups, with power to investigate and recommend on matters respecting: Cost, site, management, rules and regulations, etc., for a new market. In addition, considerable statistical data will be gathered by the Committee regarding the points of origin, methods of grade, pack and sale, volume, and value of the City of Toronto's present receipts of fruits and vegetables, both domestic and foreign, that will be most useful to the producers of the Province.

The Permanent Committee is preparing its report along these lines at the present time. This will be available to the Department at the end of the current crop year when a definite plan of action will be determined upon respecting this project.

FIRST CO-OPERATIVE PACKERS LTD., BARRIE, ONT.

Just over three years ago this plant, in which was invested nearly one-quarter of a million dollars of farmers' money from the district, was closed and practically bankrupt, due largely to mismanagement and mistaken policies.

Two years ago the Ontario Government took a first mortgage of $25,000 on the Co-operative Company's assets, conservatively valued at $125,000, which enabled the plant to re-open.

Later the Ontario Government extended its assistance by guaranteeing a moderate bank credit for the Co-operative Co., provided it operated profitably from month to month. The results since have been more than satisfactory and at no cost to the Government.

All the details of the marketing programme which accomplished this work, particularly the overseas arrangement whereby the Co-operative's product consistently sold for some time at the highest price of any Canadian bacon (frequently at a premium of 2/- per cwt. over other Canadian) and in a number of instances at equivalent to Danish prices, need not be recited here. The arrangement demonstrated, however, the faults of the packers' present marketing system and need of industry representation overseas to bring about a change from consignment to f.o.b. selling.

The First Co-operative Packers Ltd. is now fully re-established under thoroughly competent management. This year it paid off a two-year instalment on its mortgage and all accrued interest to-date. What looked recently like a white elephant to its farmer members is proving to be a satisfactory and steadying outlet for all the live stock supplies in the district at satisfactory prices.

Beef, calf and lamb kills, a produce and poultry department, an all-vegetable shortening line and improved casing manufacturing equipment (beef, hog and sheep) have been added this year to the Company's activities. These, on present operations, will add substantial additional income to the Company.

Given uninterfered control of the present management the only co-operative abbatoir, meat packing and bacon curing plant in Canada can now look forward to the future with reasonable confidence.

ONTARIO HONEY MARKETING BOARD

Following the collapse of the honey market last year, largely as a result many producers feel, of discontinuing the work of the Ontario Honey Export Association, an effort was made by the industry to set up a Local Marketing Board under the Natural Products Marketing Act.

This office drafted the scheme and was represented at a series of bee-keepers' meetings across the Province to explain what was being proposed. Financial assistance from the appropriation of the Commissioner of Marketing was also promised to help maintain an Overseas Commercial Representative and to facilitate the early organization period of the proposed Local Board.

The objects of the Local Board were simple; merely the registration of all producers, the licensing of all buyers and the regulating of all export shipments through one central channel so as to avoid price-cutting competition and doubtful quality or below grade shipments going overseas. The effect on the domestic market would have been favourable, it is believed, through the removal of large blocks of bulk honey from the country. This was the experience in 1932, 1933 and early in 1934.

Progress has been delayed through the reference of the Natural Products Marketing Act to the Supreme Court. Notice has already been given, however, that the matter will be re-opened when the future of the Marketing Act is settled.

ONTARIO POTATO GROWERS' ASSOCIATION

Although the operations of the Eastern Canada Potato Marketing Board last year (established to market the enormous 1934 crop) were beneficial it was forced to discontinue operations because of conflicting interests between the different Provinces. Ontario representatives of the industry met this year under the auspices of this office to draft, if possible, a potato marketing policy

Several urgent matters materially affecting the Ontario industry developed at this time that had to be dealt with as they arose. The principal ones were:

(1) The Maritime application for lower freight rates on potatoes into Ontario;

(2) The necessity of a duty on potatoes imported into Canada as a result of the recent Canada-United States trade treaty;

(3) The position of the potato industry with respect to the proposed Toronto Union Terminal Market.

The first two matters were settled to the satisfaction of Ontario growers during the year.

In the course of this work growers came to realize the necessity of an active, producer-controlled Association constantly functioning on their behalf. In spite of other favourable developments growers also realized that they were faced with a hard fight to regain their own Ontario markets for their potatoes to which they are primarily entitled. Appreciating that this can only be done through improvement of quality and grade as well as in attrac-

tiveness of packaging, immediate acceptance to the idea of a Provincial Association with a system of Local or Branch Associations was forthcoming.

This office financially assisted this effort to organize the Ontario potato growers as a Provincial group and it is expected that very shortly the growers will unite in a plan to improve the grade and marketing of their crop on a self-supporting basis. Active organization work amongst the growers is now being carried on through the leadership of Mr. J. T. Cassin, President of the Provisional Association and a prominent Ontario grower.

The Ontario Potato Growers' Association proposes to include as members only those growers who will participate in a marketing plan to grade and pack in new trade-marked bags which will carry certificates of inspection.

Participating members, it is believed, can secure better returns for their product that will pay for the care and slight additional cost of new bags and inspection. Consumers will benefit through higher quality and less waste in their purchases.

The Potato Dealers' Association, including regular wholesalers and trucker-dealers, have agreed to support and will buy and sell Ontario potatoes put up in this way at not less than Maritime potatoes at all times.

This special marketing effort will be the backbone of the Association's policy but it will not be all of its activities. Progressive educational programmes of better growing methods will be carried on by both the Provincial and Branch Associations. Assistance in establishing central grading and shipping stations will be offered at all times and marketing information supplied whenever required.

SUGAR BEET GROWERS

Sugar beet growers during the past two years have witnessed their industry gradually decline through increases in taxation and radical reductions in world prices of raw cane sugar. As prices for sugar beets are set in direct relation to the cane sugar market the fortunes of that industry largely determine those of the beet industry.

Taxation has also been heavy so that taxes now amount to more on a ton of sugar beets than the grower actually obtains himself on this amount of product. While part of the tax was supposed to be passed on to the consumer growers claim that prices were reduced for sugar beets to prevent this happening.

The industry as well has been beset with labour problems. Labour for growing and harvesting is specialized and under contract. Influenced in recent years by radical union elements wages for labour have been forced up to $14 per acre with $18 per acre demanded this year. This charge, like taxes, is a considerably larger cost than the grower himself secures from his product.

The situation is admittedly difficult particularly as the industry cannot benefit through any form of tariff protection because of the West Indian Preferential Trade Agreement. In addition, refiners claim it is more economical to operate on imported raw cane sugar than on sugar beets.

As a step toward a solution of their troubles growers petitioned this office for a discussion on ways and means of correcting their present state of helplessness and lack of bargaining power in dealing with the various factors in the growing and marketing of their crop. Following this conference a fully representative Ontario Beet Sugar Growers' Association was organized and set up and a constitution and by-laws adopted.

Subsequently the Dominion Government was petitioned to modify the tax on sugar refined from beets grown in Canada. This matter is now being reviewed by the Tariff Board.

GRAPE GROWERS

Grape growers have experienced a particularly trying period during the past five years, much of which was due to special conditions within the industry and without relation to the general depressed economic situation.

The change from grape to malt beverages by the consuming public lost the growers a portion of their largest market.

The price structure for grapes was further weakened by the growth of the trucker-dealer movement competing with the local shipper and the city commission agent, wholesale dealer and broker.

Added to these difficulties was the fact that the growers have depended upon the wineries to absorb from one-third to one-half of their crop every year and as a result the fresh fruit market has been neglected or ignored.

Realizing this year that a beginning must be made to correct the situation a scheme under the Natural Products Marketing Act was proposed and decided upon. This office drafted the plan and attended many conferences of growers in explanation of what was proposed. When unanimity was reached among the growers the plan was submitted to the Federal authorities for approval. There it was rejected on technical grounds because an insufficient quantity of fresh grapes are exported from the Province and that wine could not be considered as an integral part of the product. The incident illustrates one of the defects of the present Dominion marketing legislation which it is hoped will be corrected when the Act comes up for amendment.

Meanwhile the grape growers are re-organizing and extending their own Association with a view to becoming an actively functioning organization and in a position to work out a definite marketing plan this year.

ONTARIO CELERY GROWERS

Ontario's 1935 crop of winter celery was exceptionally heavy. Some conception of its size may be gathered from official figures which showed there were 164,640 crates in cold storage on January 1st, 1936, as compared with 55,634 crates on January 1st, 1935, or approximately three times normal requirements.

The situation was made more acute by the fact that this enormous surplus had to be marketed in two months' time as by March 1st it would be past its possibe keeping stage and growers ruined as a result.

Realizing an emergency situation existed, this office called a meeting of growers, large holders, cold storage companies and commission agents to lay before them a plan for an intensive sales and advertising campaign financed wholly by the interests concerned on an assessment of 3 cents per crate. This was agreed to and carried through so successfully that later it was found unnecessary to collect the pledged contributions from the growers who had suffered severely through low prices, the cold storage companies and commission agents contributing sufficiently to pay the entire cost of the campaign amounting to some $4,000.00.

This effort is a splendid example of what can be accomplished through sympathetic understanding between all the factors in an industry. It also illustrates how so-called huge surpluses do not prove too formidable to overcome if energetic measures are taken to move them.

The campaign was based on a feeling that the great body of the public would welcome an opportunity to secure quantities of good winter celery at reasonable prices. Apparently it "caught on" for consumption from the middle of January doubled that of the previous month and trebled it in February.

As a result of this effort winter celery growers throughout the Province are now organizing, through this office, their own Association for purposes of orderly marketing and to extend and develop the consumer demand for their crop.

NORTHERN ONTARIO MARKETING

The development of markets is the major problem affecting the pioneer farmer as he emerges from the rough and tumble state of a bush farm into somthing more orderly and permanent.

That in a few words is the situation facing Northern Ontario agriculture today. The first stage of Northern farmers: limited to the family garden, some potatoes and enough hay and oats to supply the lumber mills and to winter a cow or horse together with the sale of some wood and one's own labour; was reached fifteen years ago. The second stage: an extension of the family garden to include surplus supplies of potatoes, turnips, grain and a beginning at sheep and lambs, poultry and eggs, a few hogs and dairy cattle: was reached with the collapse of the lumber and pulp industry six years ago.

Then the North country had its problems. It was the old one of surplus and lack of markets. So discouraged became many that they packed up and returned home or went on relief. General opinion that little can be done in such a situation; that farmers have to pass through pioneering difficulties and continue in them until the country opens up and population increases: offered small succour.

Some, however, did not subscribe to this theory. They believed the North held potentialities yet unrevealed. They felt the situation worthy of a more complete study and urged that this be done.

This office was appealed to and undertook an investigation of the North country and its agricultural problems. The enquiry among other things revealed:

(a) That unintelligent agricultural production thus far without relation to markets has unfortunately been too largely the order of the day;

(b) That a programme of hay and oats for lumber camps, regardless of the closing of mills or the substitution of tractors for horses, has been all too general;

(c) That reliance on pulp operations and road work will never establish Northern agriculture on a permanent basis.

Out of this enquiry emerged a new conception for agriculture in the North; a production policy planned on "opportunity to sell" and to be concentrated, after home needs are met, on products for which there is an unlimited market by virtue of conditions peculiar to the different districts in this territory.

Specific production recommendations were suggested for each district after different local conditions were known. Space only permits of a general summary in this regard.

Northern Ontario has an almost unlimited field for quite a few products which could be profitably developed.

Alfalfa, clover and other pasture seeds are one example. The quality and hardiness of our Northern seeds are unequalled. Great Britain pays nearly twice the price for Hungarian and Provencal alfalfa seed than for Old Ontario supplies. This is largely due to the fact that the virtues of Ontario's Variegated alfalfa seed have never been properly exploited in a commercial way. Three years ago this office arranged for official British Government tests that reported Ontario seed quite equal to the best and Northern Ontario seeds are superior to those grown in Old Ontario.

Some Northern Districts, particularly the Rainy River section, could supply to advantage an export demand for highly coloured, high protein, low fibre content alfalfa meal.

In many areas, particularly Thunder Bay, where cheap grain feed is available feeder cattle should be finished in transit. A review of the present cattle production methods is important. In most districts the present cattle are the so-called dual purpose type but are not suitable for either. Poor dairy cattle are produced and sold ultimately for beef, returning very low prices.

The dairy cattle in Temiskaming are good. Further possibilities of dairying, such as cheese production, should be explored. The need at the moment, however, is for beef cattle herd improvement.

Sheep raising, already a profitable line in some sections, should be extended. Northern grown lambs command premiums on both eastern and western markets.

Hog raising is profitable for local trade but disappointing when selling in eastern terminal markets. An organized programme of hog improvement to produce the accepted type of standard bacon hog would overcome this obstacle.

The establishment of abattoirs is urged by many but best opinion seems to be that, as yet, such ventures are premature. Local slaughter houses and meat inspection would appear a better programme for the present.

Many sections of Northern Ontario could supply Old Ontario with late fresh fruits and vegetables. These crops, such as small fruits and market garden produce, come in after the Old Ontario crop is finished and would have a practically free market open to them. Surplus small fruits could be packed in pulp for export as in British Columbia.

The blueberry industry is an outstanding example of an excellent Northern Ontario natural resource now wasted or improperly handled. Quebec and Maritime blueberries actually sell in Toronto at 50 per cent higher prices than Northern Ontario berries. Screen graded, packed in one-quart boxes and shipped in 32-quart crates instead of the present poorly packed, ungraded, twig-filled 11-quart basket pack would go a long way to increase returns to pickers and shippers.

A large black muck area in the Thunder Bay District could produce enough onions and celery to fill an always extensive market in Western Canada.

A natural maple bush of some millions of trees on St. Joe Island has possibilities of becoming one of the largest and highest quality maple syrup and sugar producing camps in Canada.

Northern grown green peas, similar to the Gaspe Peninsula pack, should be placed on Old Ontario and United States markets. Home canning, such as is developing in the Quinte District and Essex County, should be investigated.

Potato production should be limited to local requirements. So should hay, oats, poultry and eggs although the limits in all these lines, except hay, has not yet been reached. Twice the present cattle population is required to consume current hay production. This is one illustration of the off-balanced character of Northern agriculture at the present time.

While possibly seeming to emphasize unduly these so-called minor industries they are mentioned as illustrations to stress the underlying idea. The North country must get away from its hay and oats programme. Producing feed to sell to lumber and mining camps and not, as it should, to feed on their own farms in diversified industry; dairy and beef cattle, hogs, sheep and poultry. Farms are becoming impoverished from continual hay cropping. Feed surpluses are becoming unsaleable and will become more serious. The point to be emphasized is that, as a solution of its agricultural marketing problem, Northern Ontario should concentrate on exclusive fields and unlimited markets for certain lines of products peculiarly its own because of local soil and climatic conditions and lateness of its maturing season.

To make a start toward the necessary changes in Northern production and marketing methods this office now maintains an Agricultural Markets Promoter in one district. Eventually the whole North country should be organized for the same purpose.

In the six months since his appointment the Markets Promoter has provided a distinct service to the farmers in the area under his jurisdiction. Some of his chief activities thus far are as follows:

(a) Sales arranged and completed for many thousands of dollars' worth of produce for farmers simply by bringing buyers and producers together. This does not include sales under the Relief Seed Grain agreement;

(b) Established a seed cleaner and scourer at Thornloe, Ont., which is doing a growing custom business for the farmers in the neighbourhood. Also developed a demand among the better class buyers for graded products. This work is now being extended to include grains, oats and potatoes;

(c) Initiated a plan for a seed and feed cleaning plant at New Liskeard, Ont. This project now has the assurance of financial support from the district. When established it will solve one of the prime difficulties in marketing local grains.

(d) Secured substantial reductions in the carlot and l.c.l. freight rate schedules on the T. & N. O. Railway on hay and grains. These reductions apply only to produce from bona fide farmers and must be accompanied by a certificate signed by the Markets Promoter. The new l.c.l. rate obtained is approximately half that formerly in effect while the new carlot rate means an additional $5 per car in less charges to the grower or shipper.

Activities of this kind while important in themselves are only the beginning in order to obtain the farmers' confidence through helping them to find markets and otherwise to assist them in their individual problems. The later and more permanent programme of promoting organization for grading, packing and collective marketing will be undertaken as soon as this confidence has been secured.

This, in a very general way, outlines the marketing programme undertaken in Northern Ontario this year. That it will develop and expand and that the future of agriculture in these Northern districts is assured seems certain if efforts are made to direct farm activity along logical lines of production to meet existing marketing opportunities.

NATURAL PRODUCTS MARKETING ACT

As reported last year this Dominion Act continued to have a far-reaching effect from the marketing aspect on Ontario agriculture. The Act marked the first concerted effort to re-organize the marketing methods and practices of all natural products.

While this Act is Dominion legislation it is necessary to keep in mind that responsibility for the initiative in organizing, preparing, and drafting schemes, reconciling opposing interests in a reorganization of the marketing system of any commodity and all the other details incidental to a matter of this kind is not assumed by the Dominion authorities. In Ontario all this work has been undertaken by this office.

Ontario has now taken greater advantage of this Dominion marketing legislation than any other Canadian Province with the exception of British Columbia.

At the end of the current year seven leading Ontario commodity farm groups had set up Local Marketing Boards under this legislation with wide powers to regulate and re-organize the marketing system of the product concerned. These were as follows:

The Fruit Export Board of Canada

The Ontario Flue-cured Tobacco Marketing Board

The Western Ontario Bean Marketing Board

The Eastern Canada Potato Marketing Board

The Canada Jam Marketing Board

The Ontario Cheese Patrons' Marketing Board

The Ontario Burley Tobacco Marketing Board.

Three of these Boards—the Fruit Export Board, the Eastern Canada Potato Marketing Board and the Canada Jam Marketing Board were Dominion in organization and operation in which the Ontario interests concerned participated. The remaining four were distinctly Ontario in organizaton and operation.

Leadership and advice, not only in writing the scheme involved (excepting the two Tobacco Boards) but also in the organization work necessary to obtain producer approval to what was being proposed, has been given to all of these groups.

Two other temporary Dominion-wide Boards were set up this year by special Order because of certain critical situations in each industry substantially advantaged Ontario producers. These were:

The Processed Berry Marketing Board

The Butter Export Stabilization Board.

Toward the end of the year questions were raised concerning the validity of the Act which immediately had repercussions on the operations of the Boards acting under its authority. To settle the matter definitely the Act was referred to the Supreme Court for judgment. At the moment judgment has not been rendered. It is expected, however, that the essential features of the Act will be declared valid or that an amended Act substituted.

At the time of reference to the Supreme Court two further Ontario marketing plans had been prepared and submitted for approval. These were:

The Ontario Cattle Export Association

The Ontario Honey Marketing Board.

Under the circumstances just explained action on these two schemes was suspended. When there is some assurance that the Act will continue in some form these and many other plans of marketing by various commodity groups of Ontario producers will be pressed forward. The simple declaration that the producer has the undeniable right to organize and regulate the sale of his own produce has been accepted. With the air cleared of a number of legal and other complications progress toward greater producer control of the marketing of his own production is expected to be rapid.

PROVINCIAL ENTOMOLOGIST

The following is a brief statement of the work of the Provincial Entomologist other than his teaching duties at the Ontario Agricultural College.

RESEARCH AND EXPERIMENTAL WORK

Testing Spray Mixtures: Each year the Entomologist, in co-operation with the Botanist, tests in the Reformatory orchard the most promising new spray mixtures, in comparison with the mixtures recommended in the Ontario Spray Calendar. He also assists in the revision of this calendar each year.

Apple Maggot Spray Experiments: In addition to the above testing of spray mixtures, experiments were conducted to find a sticker which would make it possible to control the apple maggot by one spray instead of two, thus saving the grower considerable money and time. These experiments were not entirely satisfactory, but give hope that with further work they will prove successful.

Buffalo Tree Hopper Control: In young orchards in sod the buffalo tree hopper, by its habit of laying its eggs deeply through the bark into the wood, dwarfs and even at times kills the young trees. It is the most destructive insect in young non-bearing apple and pear orchards. Clean cultivation will control it, but in many districts clean cultivation cannot be practised without too great labor. Hence experiments were conducted to determine whether an oil spray would kill the eggs. Tests with a four per cent lubricating oil emulsion, applied before the buds burst, gave very promising results, but a four per cent tar oil emulsion was useless. The experiments will be continued again this year on a much larger scale, in both apple and pear orchards.

Onion Maggot: The study of this insect during the year was greatly hampered by the scarcity of the pest. Investigations are being continued, because a better method of control than known at present is of great importance.

Sweet Clover Weevil: In the fall of 1935, it was found that several fields of sweet clover in Victoria and York counties were being severely injured and almost ruined by a small grayish-brown snout beetle. This insect, so far as known, is an imported pest. A study has been begun of it and will be continued throughout 1936, in the hope that some control measure may be discovered. The beetle attacks both sweet clover and alsike, but the latter is not so severely injured as the former. Fortunately alfalfa and red clover appear to be immune. Scouting this spring indicates that the insect is very extensively distributed throughout the Province, and is likely to cause serious damage.

Greenhouse Insects: A study of these insects has been begun, and will be continued through the winter months as long as it seems wise to do so.

Stored Grain Insects: Owing to the large amount of insect damage to stored wheat and other grain on farms, methods of control of these pests have been tested. As a result, it is felt that satisfactory control measures can now be outlined for farmers. Considerable work on testing fumigants for bakeries and flour mills has also been done during the year.

Control of Flies in Piggeries: A start has been made on this difficult problem. Work will be continued on it whenever time permits.

EXTENSION WORK

The Spray Service: This work has been conducted, as usual, in co-operation with the Professor of Botany.

Yellows and Little Peach: Owing to the fact that there was no Fruit Pest Inspector available, the Entomologist found it necessary to devote three weeks to this work in the Niagara District. Eight thousand trees were marked and removed. The diseases are increasing, and will require much careful work before they can be brought under control.

Nursery Inspection: The nurseries were inspected, as usual, throughout the Niagara District and vicinity, and wherever possible in outlying areas.

European Corn Borer: The Corn Borer Act was enforced in all the counties under it. In spite of a fairly good clean-up, the season was so remarkably favorable for the insect, that there was a very noticeable increase in most counties. A special effort is being made this spring to have an even better clean-up of all corn remnants than usual, so that the increase can be counteracted.

FRUIT MEETINGS

The Entomologist gave addresses during the winter months in most of the fruit districts of the Province.

MISCELLANEOUS

In addition to the above, visits were made to various districts to look into local outbreaks of insects; articles were prepared for the agricultural press; and papers were given at various entomological and other meetings. As usual correspondence required much time and attention.

PROVINCIAL ZOOLOGIST

The work of the Provincial Zoologist was divided between College teaching, field extension and investigation, laboratory and office, and had to do principally with parasitic disease control in domestic animals. Disease control in sheep and swine other than of a parasitic nature was given full consideration, when and where required.

Lecture demonstrations relating to animal health and parasite control were held on farms in many districts. The number of these meetings held was fifty-nine; all were well attended.

Field investigations to the number of thirty-three were conducted. These investigations were carried out on farms, where unexplained losses of stock had occurred.

Exhibits of suitable size for office window display were prepared and placed in twenty-seven Department of Agriculture offices. The subjects prepared were Warble Fly Control, Bot Fly Control, Parasites of Sheep, Parasites of Swine, and Parasites of Poultry.

An educational exhibit was set up at each of twenty-four School Fairs, held in back districts. These exhibits were especially prepared to present the subject of disease control in an attractive way which was at the same time easy to understand. A contact was made at each of these school fairs with a large number of farm people, whom it would be difficult to reach in any other way. An exhibit was set up at the International Plowing Match, held at Caledonia. Many hundreds of farm people were interested, and closely examined this exhibit.

The seven Agricultural Short Courses of three months' duration were attended, and four lecture hours spent at each one. The subjects of lecture were Control of Animal Pests and Unsoundness in Horses.

Co-operation was given the Agricultural Representatives Branch, the Ontario Live Stock Branch and the Ontario Veterinary College in all related work.

The Warble Control project on Barrie Island township continued during the spring and early summer of 1935. A further reduction in the number of warble infested cattle was noted. Untreated outside cattle, placed in the township by careless and disinterested people, have made the work more difficult. The average number of warble grubs per animal at the completion of the third year's work was two. At the start it was twenty-three grubs per animal. The warble fly control work in Ontario during the year resulted in one million cattle being treated for the destruction of warble larvae. Six county councils voted funds sufficient to provide Derris compound for all cattle. The percentage of cattle treated in the counties where a free distribution of warble compound for killing warble larvae occurred was much better than in the counties where there was no free distribution of ox warble powder. Enabling legislation, whereby any municipality may have the power to pass a by-law that would require the treatment of all cattle, is needed, if the control work is to advance beyond the point now attained.

The Bot Fly control work continued to function, but was carried out under unusual winter road conditions, which resulted in a reduction in the number of horses treated, as compared with the previous year. The use of the mass type of carbon di-sulphide capsule was general in all work promoted by the Department. A new and more satisfactory type of mass carbon di-sulphide capsule was introduced at the end of the season. This capsule is of a strong heavy walled flexible gelatin structure, filled with a mixture of carbon di-sulphide and magnesium carbonate. No bad results whatever from its use have been reported to date. The efficiency of this new capsule is equal to that of the all-liquid filled type. The advantage lies in its greater safety.

A series of nine meetings was held in Huron county during January. The subject of lecture, Mineral Deficiency Disease and Abortion Disease in Cattle, were fully discussed at all meetings. These meetings had an average attendance of fifty-six live stock owners.

Two meetings, at which the veterinarians of the county were assembled, were attended. The plans for Bot Fly control were considered at these meetings.

Routine laboratory work, consisting of the examination of fecal matter and tissue for evidence of parasitism, was carried on as in the past.

Charts relating to pest control were prepared, and were sent out to Agricultural offices when and where needed.

As a faculty member of the Ontario Veterinary College, an increased amount of time was given to the teaching of Physiology to the second and third year students in Veterinary Science.

Correspondence during the past year has received the same careful attention as in the past. The number of letters sent out shows an increase over the previous year. The demand for bulletins especially has been very heavy.

FIELDMAN FOR NORTHERN ONTARIO

General: The work of this office covers eleven districts of Northern Ontario, including Algoma, Cochrane, Kenora, Manitoulin Island, Muskoka, Nipissing, Parry Sound, Rainy River, Sudbury, Thunder Bay and Timiskaming. According to the 1931 Census there were 20,738 farmers in this area, and since that date there has been quite a noticeable increase in the number of occupied farms in some of these districts, so that at the present time there would be at least, 22,000 farmers.

In common with other sections of the Province and of the Dominion, industrial conditions in general have taken a definite turn for the better in Northern Ontario. Old mining centres are, in many cases, experiencing a new lease of life and are operating to full capacity. Several new properties have commenced operations, while still others are in the process of development and give good promise for the future. Pulp-mill towns, while still far from being up to what they were in peak times, are, nevertheless, improved considerably. Lumbering is still at a low ebb, but it, too, has advanced slightly. Road construction, except for certain portions of the Trans-Canada highway is largely completed. Everything considered, however, the buying power of the urban population has strengthened and improved materially. This is naturally having a beneficial effect on agriculture, in that more money is in circulation; consumers are in a better position to buy, and prices of most farm products have advanced noticeably. It would appear that as a result of many reasonably large consuming centres, which are supported by industries such as mines, pulpwood, elevators, railroads, etc., the farmers of Northern Ontario have the most promising local markets of any in the Province. Unfortunately, however, in many cases they are not reaping the benefit of these markets to the extent that they should or could.

Growing Season: The growing season of 1935 was a rather unusual one. At Kapuskasing the spring was abnormally late, it being May 20 before any work was done on the land, while in Algoma and Rainy River and in certain portions of some other districts the seeding was fairly early. Most districts received an abundance of rain but a few isolated areas suffered considerably from drought. The hay crop in the main was ten to twenty-five per cent better than in 1934 and five to ten per cent above a five-year average. There were over a million pounds of grass and clover seed threshed. Nearly one-third of this was pure timothy, for which unfortunately the price is very low. The yields of wheat, oats, barley and peas were below normal. Rust in some sections and drought in others were responsible for this. Potatoes were below average in nearly every district, but prices have been much better. The re-

sults from other vegetables varied considerably, some sections being above average, while others were below.

The farmers of Northern Ontario made some very nice winnings at the Ottawa, Guelph, Toronto, and Chicago Winter Fairs. For example, in the Agricultural Society class at Ottawa, Earlton came first with wheat, scoring 95, oats 97, barley 92, peas 94 and flax 94 out of a possible of 100 points. In the open classes at the same fair first and championship in spring wheat and seventh in early oats came to Earlton. At Guelph, first prize in the early class and second prize in the late class of potatoes came to Huntsville. At the Royal, first and second prizes in sheaf barley and second prize in sheaf oats came to Bracebridge, while first, second, third and eighth prizes in the certified class of Irish Cobbler potatoes came to Charlton. In the Boys' and Girls' Club class in Irish Cobbler potatoes sixth and seventh prizes came to Verner, and second prize in the open class of Green Mountain potatoes came to Hanmer. At Chicago, third prize in field beans came to Rainy River district, sixth prize in yellow field peas to Loring, eighth prize in small field peas and eighteenth prize in Timothy came to Falkenburg.

These various prize winning exhibits coming as they did from practically every district in Northern Ontario, indicate that it is possible to grow good quality and high-class products.

Efforts and Achievements of the Fieldman

As in the past, a determined effort has been made during the year to bring to the attention of the Northern Ontario farmers, the results of the experimental work at Kapuskasing. The efforts of the office have covered a wider field of activities and have been more evenly distributed over the entire area than ever before, as may be observed from the following list of salient features:

Short Courses were attended at Emo, Murillo, Dinorwic, McKellar, Port Lock, Lee Valley, Corbeil, Alderdale, Raymond, Nipissing, Kenora, and Eton Rugby.

Agricultural meetings were addressed at Timmins, Pass Lake, Uno Park, Emsdale, and the Separate School near Kenora.

Marketing surveys were made in the districts of Kenora and Thunder Bay.

The Weed Inspectors in six of the Northern Ontario districts were interviewed; namely, Sudbury and a part of Nipissing; Manitoulin Island; Algoma, Thunder Bay, Rainy River and Kenora.

Field Crop Competitions were judged at Emo, Rainy River, Fort William, Hymers, Murillo, Dryden and Charlton.

Judging was done at Fort William, Kenora, Clute, Rosseau, Port Carling, Loring, Burks Falls, Magnetawan, Providence Bay, and Sheguiandah Fall Fairs.

Plowing matches were judged at Slate River Valley, Milberta, Lorraine Valley and Thornloe.

In addition to the above the following work received attention: A farm for the Agricultural Development Board was investigated at Cochrane; at-

tended a meeting at O'Brien School House; assisted in the purchasing, grading and loading of twenty-two carloads of potatoes in Sudbury district for Saskatchewan; attended a Marketing Conference in Toronto; arranged for the cutting of the hay on the Hearst Demonstration Farm; attended a Plowing Conference at London; attended the Field Day at the Industrial Farm, Fort William; attended the International Plowing Match, Caledonia, as a Director; attended the organization meeting of the Ontario Potato Growers' Association; attended a Boys' Stock Judging class at Warren; attended a Boys' Achievement Day at Silver Water; attended a meeting of the marketing committee at New Liskeard; accumulated data on agricultural conditions in the eleven districts of keard; accumulated data on agricultural conditions in the eleven districts of Northern Ontario; attended a Directors' meeting of the O.A.C. Alumni Association; attended a committee meeting on Agricultural conditions; attended the Annual Meeting of the Muskoka Plowmen's Association as a representative of the Provincial Association; attended the annual meetings of the Ontario Association of Agricultural Societies; Ontario Field Crop and Seed Growers' Association, and the Ontario Plowmen's Association.

The nature and potential value of the Experimental work as carried on at Kapuskasing is much better known by the farmers of Northern Ontario, at the present time, than ever before. They are, moreover, not only knowing it better, but are taking advantage of it and benefitting from it to a much greater degree than in the past.

MILK CONTROL BOARD OF ONTARIO

This second annual report of the Milk Control Board of Ontario is a report of continued progress, of more valuable service to the Milk Industry of the Province, and of a clarification of ideas regarding the value and purpose of Milk Control Activities.

In all of its work the Board has kept in mind the primary purpose of the legislation creating it, and it has worked steadily for improvement of the position of the milk producer so long as such improvement could be obtained without undue hardship being placed upon the other two interested parties—the milk consumers and the milk distributor.

The appreciation of the milk producers for the work already accomplished can best be seen in the following statement made by an official of the Ontario Whole Milk Producers' League in a letter to the Chairman of the Board:

> "The great achievement of the year in the fluid milk industry of Ontario is that in no major market has there been a decline in the prices to the producers. In several markets there has been an upward revision of prices to producers where such adjustments had not been possible earlier. The work of the Milk Control Board of Ontario, with the added strength given it by the amending of the Act, has tended to stabilize the market and has eliminated many of the evil practices which, without it, would have broken not only local markets, but the whole provincial structure. The operation of the Milk Board, as a Board of referee or arbitration has avoided difficulties in several markets."

This statement and the information given in the body of this report indicates that the Milk Control Board has been an important influence in bringing about improved conditions among the whole milk producers of the Province.

This report of the Board will be made under the following main divisions:

A. General Situation in the Fluid Milk Industry.

B. Amendments to the Milk Control Act.

C. Meetings of the Board.

D. Administration of the Milk Control Act.

E. Conclusions.

A. GENERAL SITUATION IN THE FLUID MILK INDUSTRY

From a state of chaos in 1933, the business of supplying the urban centres of Ontario with fluid milk has changed to a state in which there is reasonable order, and prices have been established in many markets on a fairly satisfactory level.

During the year there was considerable improvement in the price paid for milk used in the manufacture of cheese and butter and this improvement tended to lessen the pressure of surplus milk on the fluid milk markets.

The promise of more normal employment conditions should reflect favourably on the consumption of milk and other dairy products. This, together with the probability of a more energetic sales policy on the part of the industry as a whole, should further strengthen the outlook for 1936.

The maintenance of present price levels may be expected and even though there may be little, if any, increase over the higher prices now in effect, there is likely to be some increases in those markets where prices are still below the proper level.

B. AMENDMENTS TO MILK CONTROL ACT

The Milk Control Act of 1934 was admittedly only preliminary legislation and after the Milk Control Board operated for one year, sufficient experience in milk control work was gained to indicate needed changes in the Act.

At the 1935 Session of the Legislature, the Milk Control Act was considerably amended, the more important changes being the following:

(a) Milk was defined to include all products of milk except butter and cheese;

(b) Definite causes for the refusal or cancellation of licenses were provided for;

(c) Provision was made whereby an applicant could appeal to the Supreme Court from a decision of the Board to refuse to issue a license;

(d) Refunds and rebates were definitely prohibited;

(e) Very definite authority was given to the Board to approve and bring into effect milk marketing agreements after consultation with representatives of consumer interests;

(f) More definite responsibility was given to the Board to require bonds of milk distributors as a protection for producers' accounts;

(g) The penalties under the Act were considerably increased to provide for a minimum penalty of $50 and Injunction Proceedings;

(h) In addition, there were several minor amendments which clarified a number of difficulties which had arisen in the administration of the Act.

These various amendments to the Act clarified the understanding of the duties imposed on the Board and, since the Amendments were put into effect, the Board has encountered less difficulty in administering the Act.

The provisions whereby a person who has been refused a license by the Board may appeal from the Board's decision to a Judge, and the provision whereby the Board is required to consult some one representing consumer interests before approving price agreements, have been particularly popular.

C. MEETINGS OF THE BOARD

The Members of the Board have found it necessary to devote their entire time throughout the year to the work of administering the Milk Control Act and, in addition to almost daily meetings of the Board as a whole, individual members have been extremely busy with personal conferences and in other ways assisting the industry.

During the year, the Board or its representatives have attended in all 307 meetings. As many as possible of these meetings have been held in the Board's offices in the Parliament Buildings, but on a large number of occasions, it has been necessary for the whole Board or individual members of the Board, or members of the Staff to attend meetings held in various places throughout the Province.

The larger markets, namely, Toronto, Hamilton, Ottawa, London and Windsor, have required the greatest amount of attention, but during the year some attention has been given to 70 different milk markets in the Province.

D. ADMINISTRATION OF THE MILK CONTROL ACT

The duties of the Milk Control Board are such that its administration of the Act can best be reported under a number of separate headings:

(1) *Licensing*

(a) *Statistics*—Milk Distributors' Licenses issued—1624.

Milk Transporters' Licenses issued— 150.

(b) *Milk Distributors' Licenses*—The Licensing of milk distributors was one of the first activities of the Board and it is still felt that this is one of the fundamental principles in milk control.

Because of the excessive overlapping of distribution services in most

markets, the Board has generally been averse to the issuing of new licenses and very few such have been issued.

In all cases where an applicant wished to establish a new business, the Board has recommended him to take over the business of some inefficient operator in the market.

Where such purchases could not be arranged a few licenses have been issued particularly to producers seeking a retail outlet for their product or where the establishment of a new plant was strongly recommended by the local Health Authorities.

In this connection it is interesting to note that in some provinces, the Control Boards absolutely refuse to issue new licenses for either plants or wagons if the present equipment serves the market adequately.

During 1935 the licensing requirement was extended to include milk peddlers or independent drivers as well as regular milk distributors and during the year the regulations were changed so that for 1936 a separate type of license will be issued to each of the following classes of distributors:

(1) *Milk Distributors*—

Those distributors who operate plants and purchase milk from milk producers;

(2) *Producer-Distributors*—

Those who produce and retail their own milk;

(3) *Milk Peddlers*—

Those persons who do not purchase milk from producers but buy their supplies already processed and bottled from a licensed distributor;

The licensing of all milk distributors in the Province selling more than 20 quarts of milk per day is now practically complete.

(c) *Milk Transporters' Licenses*—In the larger markets, the milk transport situation is one of the problems which has caused the Board grave concern. In the past the milk transporter has, to a considerable extent, acted as a milk salesman for the producers he serves and because of his desire to have a large load of milk, he has unconsciously tended to aggravate the surplus milk situation.

By means of licensing these men and making it necessary for them to apply to the Board for permission to add new shippers to their routes, the Board feels that ultimately, the sources of supply of milk for the larger markets will be under such control that the "surplus milk" situation will not continue to be abused.

The regulating of public milk transporters has been a fairly simple matter as these carriers were already under license from the Ontario Department of Highways, but some difficulty was encountered in connection with trucks owned by milk distributors and transporting milk only to the plants of these distributors.

Such transporters were under no restrictions and in their operations have seriously increased the overlapping of milk transport services without providing any compensating service except earlier delivery of milk to the dairy.

The Board has recognized all transporters doing business previous to the commencement of its supervision of milk transporting, but it has refused to issue licenses to new applicants who could not show that they would provide improved services.

During 1935 only the milk transporters to the Toronto market have been licensed, but the Board has co-operated with the Ontario Department of Highways in supervising the issuance of licenses to milk transporters in other sections.

(d) *Milk Manufacturers' Licenses*—The 1935 Amendments to the Milk Control Act provided for some supervision of those plants manufacturing condensed and powdered milk and other such milk products, and preparations have been made for such milk manufacturers to hold licenses from this Board in 1936.

(2) *Bonding of Milk Distributors*

(a) *Statistics*—At the end of 1935 ninety-nine and one-half per cent of the milk distributors of the Province had complied with the bonding requirements of the Act and securities in excess of one million dollars were on deposit to protect milk producers' payments.

The following table gives the actual value of these securities of the various kinds:

1. Bonds of Surety Companies	$ 840,347
2. Negotiable Securities	$325,090
3. Cash	6,612
	$1,172,049

All negotiable securities and cash are deposited with the Provincial Treasurer for safe-keeping.

(b) *Remarks*—The 1934 Regulations under the Milk Control Act required all persons purchasing milk from producers to deposit a bond with the Board, but the revised Regulations under the Amended Act allowed for two main exceptions from the bonding requirement:

1. Where payments to producers are made in full on a weekly basis.
2. Where the total amounts owing producers are never in excess of $100.

The Board has always advocated more frequent payment of producers' accounts and feels that these accounts should be paid at least semi-monthly.

In this connection it is interesting to note that the provision for exemptions from the bonding requirement provided in the new regulations has already encouraged many distributors to pay producers weekly and so be exempted from the bond.

(c) *Protection for Producers' Accounts*—The Board is pleased to report that it did not find it necessary to use any of the bonds provided during 1935 to actually pay producers' accounts. However, in many cases, the fact that a bond was provided undoubtedly gave the Board the necessary authority to force many distributors to pay arrearages to producers.

Because of the fact that a bond was on file, the Board was able during 1935 to assist producers to secure payments of accounts in excess of $8,000, which accounts in all likelihood would not have been paid except for the security provided by the bond.

In several of these cases the distributing firms were in financial difficulties and under normal conditions would have gone into bankruptcy with the producers as unsecured creditors, receiving practically nothing. In these cases, however, sales of the businesses were made on such a basis that accounts owing to producers were protected.

In several other cases, the Board's Auditor found that producers had been underpaid and when the distributor concerned was summoned to appear before the Board in connection with the matter, arrangements were immediately made whereby the amounts owing to producers were paid over a period of some months.

The need of the bonding requirement is seen almost daily. In a recent meeting with the Board, a producer reported that over a few years previous to the passing of the Milk Control Act he had shipped over fifteen hundred dollars' worth of milk to different dairies which had not been paid for.

The milk producers generally are very outspoken in their approval of the bonding requirements of the Act.

(3) *Approval of Milk Marketing Agreements*

The Board is given no authority under the Act to actually set milk prices, except when called upon to arbitrate a price dispute, but it is given the authority as well as the responsibility to approve milk marketing agreements arrived at between producers and distributors, and when such agreements have been approved, the provisions of the agreement become binding on that particular market.

During the year, the Board has continued in effect or amended some 62 milk marketing agreements arrived at during 1934 and during 1935 has approved agreements in 8 additional markets. At the present time practically all of the larger markets in the Province and many of the smaller markets are handling milk on a price basis approved under the provisions of the Act.

The authority of price agreements arrived at and approved under the provisions of the Milk Control Act has been established in several of the Police Courts of the Province.

When a milk marketing agreement is up for review, the Board considers this agreement in the light of its fairness to all persons concerned—producers, distributors and consumers, and before the agreement is put into effect, the Board is required to consult a local municipal officer representing consumer interests.

This consultation regarding the interests of the consumer is one of the new features of the Act and even though local aspirants for municipal honours some times capitalize on this situation, this is not generally the case, and the Board is usually very well received by the consumer representative.

In addition to its work of approving agreements, the Board has been called upon on a number of occasions to arbitrate price disputes between producers and distributors and in most cases, the Board has been able to counsel a settlement which has brought stability to the market concerned. The establishment of stabilized price conditions through milk marketing agreements has been of material assistance to both producers and distributors.

The establishment of definite price schedules has done much to eliminate what has been called "chiselling" on the part of unethical producers as well as unethical distributors and as a consequence, many of the uneconomic practices in the Trade have been lessened to the great advantage of all concerned.

In addition to the milk marketing agreements arrived at in connection with fluid milk markets, the Board has approved a purchase-basis for milk used at milk manufacturing plants. By means of this agreement a formula price based on the daily quotations for cheese and butter has been used for some months and by means of this price, the producers have been able to secure a more uniform and a more satisfactory price for their milk at manufacturing plants throughout the Province.

(4) *Enforcement*

In a general way, the Board has not felt that its work was the work of a policeman and consequently there have not been as many prosecutions for infringements of the Act or of the agreements approved under the Act as some sections of the Trade would desire.

However, some prosecutions have been conducted, and the Board has been able to secure convictions under the Amended Act in the following cases:

(a) A producer-distributor who refused to secure a license;

(b) A producer-distributor who sold milk at prices which were not in accordance with the approved marketing agreement for the market concerned;

(c) A distributor operating a plant who sold milk at prices which were not in accordance with the approved marketing agreement;

(d) A distributor who had made an application for a license, but who commenced to operate before the application had been considered by the Board;

In the early part of the year before the Act was amended, several convictions were secured against distributors who had failed to secure licenses from the Board.

In one particular case where the Board had refused a license because no bond had been provided, the distributor concerned appealed to the Judge for a Mandamus requiring the Board to issue him a license. The Judge in this case ruled against the Board, but pointed out that the Act in the meantime had been amended to cover the situation and at the time the Judgment was given,

the Board did have authority to refuse a license where the required bond had not been provided.

(5) *Investigations*

One of the main duties of the Board is to investigate conditions in the milk industry and to work out solutions for problems that have arisen. During 1935 a considerable amount of investigation work was done.

(a) *Special Audits of Distributors' Books*—During the year 1935, the Board arranged for the audit of the books of 60 milk distributors. These audits were carried on with two different purposes in mind:

(1) To check complaints regarding payments to producers;

(2) To determine matters relative to costs of milk distribution.

The audits on several occasions revealed the fact that certain distributors had paid their producers incorrectly and the Board was able after the audit had been made to secure adjustments of producers' accounts in a number of cases, which adjustments during the year amounted to several thousands of dollars.

In connection with price disputes in several markets, the Board found it necessary to make some determinations regarding the actual spread required by the distributors and from the information secured by these audits, the Board was able to arbitrate several price disputes. From these audits the Board is gradually securing a fund of information which will ultimately be of value in its effort to determine the actual cost of distributing milk in the various milk markets.

(b) *Study of Existing Prices*—The statement has often been made that the milk producer should receive at least fifty per cent of the consumer's dollar spent for milk and a study has been made to find out how near this objective the present situation is.

A record of milk prices throughout the Province shows that this suggested 50 per cent is reached in some few markets. In most markets, however, the percentage falls somewhat below this figure and in a few instances is as low as 30 per cent.

It is worthy to note that where marketing agreements, officially confirmed by the Milk Control Board, are in effect, the percentage of the consumer's dollar received by the producer is between 42 and 50 per cent.

(c) *Increased Consumption of Milk*—The Board has given a great deal of time and study to the question of increased consumption of milk and has studied plans in operation in England and in some of the States of the American Union for the promotion of milk consumption.

From the information obtained, the Board has been able to give producers and distributors of Ontario considerable advice in connection with their proposed advertising campaign.

(d) *Milk Control Legislation and Methods*—At all itmes, the Board has kept in close contact with similar Bodies in the other Provinces across

Canada, in many of the States of the American Union and with the milk marketing Boards of Great Britain. This close contact has made it possible for the Ontario Board to know of the developments in other places and to secure from these other Boards the benefit of their experience.

At the time of the Royal Winter Fair, the Board was able to meet with representatives from several of the other Provinces and to discuss with them mutual problems.

(6) *General*

In addition to its main activities, the Board was engaged in a number of smaller but still important affairs.

In collaboration with the Ontario Department of Health, certain matters have been worked out in connection with sanitary conditions in the plants of milk distributors and it is expected that early in the New Year, a program will be developed whereby all milk distributing plants in the Province will be under very direct supervision.

The Board has been very much interested in the testing of dairy cattle for the eradication of tuberculosis and has worked closely with those promoting the tuberculosis-free area in the central section of the Province.

In this connection, the Board has been of material assistance to milk producers by persuading the Toronto milk distributors to refrain from forcing their producers to have their cattle tested for tuberculosis before the Area Scheme comes into effect.

These and many other similar problems have been receiving the attention of the Board and as time goes on, it is hoped that more and more of these problems will be satisfactorily solved.

CONCLUSIONS

(a) *Important Achievements During* 1935

During the year, milk control work in the Province has progressed steadily with the following main results:

1. The Milk Control Act has been amended to define more clearly the powers and duties of the Board and the Board now has a recognized place in the milk industry.
2. Licensing of milk distributors is established to the place when irresponsible dealers and unsanitary plants can be controlled.
3. Producers' losses from unpaid accounts have been reduced to a minimum.
4. Incorrect payments have been checked and adjustments amounting to thousands of dollars made to producers.
5. Price improvements gained during 1934 have been maintained and further gains made.

(b) *Objectives for* 1936

Two years' experience has given the Board an opportunity to study some of the uneconomic practices in the industry and the new year should see an effort made to control these practices. Some objectives are as follows:

1. In many markets producers are forced to wait entirely too long for payments and one necessary reform is a more frequent payment system.
2. Producers shipping their product to cheese and butter factories have not fared so well as fluid milk shippers. Some plan of relief for these producers is required.
3. Accurate costs of production and distribution of milk should be obtained.
4. More complete and more uniform records and statements in dairy plants are desirable.
5. A much more complete control of surplus milk is necessary.
6. An increased consumption of fluid milk is desirable and should be promoted.
7. The uneconomic practices of special delivery, small wagon loads, overlapping of distribution services and bottle wastage require study.

These, among other objectives, are before the Board for 1936.

The past year has seen a great deal accomplished for the good of the dairy industry and with sufficient appropriation much more can be accomplished.

The Board fully realizes that in the past a greater part of its endeavour has been to improve the position of the milk producer, but in doing this, it has not lost sight of the fact that its work must be in the interest of the public as a whole and in arriving at conclusions it has always considered not only the producer but also the distributor and has always kept in mind the interest of the consumer—the man who actually pays.

ACKNOWLEDGEMENT

This report would not be complete without an expression of appreciation for the co-operation given to the Board by many persons and organizations.

The Ontario Whole Milk Producers' League and its affiliated local Associations has always worked closely with the Board, sparing neither time nor expense to co-operate in every way.

The reorganized Ontario Milk and Cream Distributors' Association with its expanding organization throughout the Province has at all times lent its support to activities of the Board which affected the distribution of milk in Ontario.

The local municipal officers who have been asked to represent consumer interests have been most helpful in assisting the Board to decide on local matters particularly in connection with the approval of marketing agreements.

The members of the bodies similar to the Milk Control Board in other provinces and other countries have always been most helpful when asked for information regarding milk control work in their constituencies.

The other branches of the Department of Agriculture and the other Departments of the Ontario Government have at all times throughout the year given this Board every assistance.

To all of these persons and organizations and to many others unnamed, the Board expresses its thanks for the hearty co-operation given and its hope that the cordial relations which existed during 1935 will continue in future and that the united effort will continue to bring continually improving conditions to the Dairy Industry of Ontario.

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Ontario Department of Agriculture

ANNUAL REPORT

OF THE

STATISTICS BRANCH
1936

PART I.—AGRICULTURAL STATISTICS
PART II.—CHATTEL MORTGAGES
PART III.—SUMMARY STATISTICS, 1882-1936

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Statistics Branch

PART I — AGRICULTURAL STATISTICS

The gross value of agricultural production in Ontario in 1936 amounted to $354,380,000 which was a gain of $40,000,000 over the previous year, and more than $100,000,000 greater than in 1932, when production was valued at only $247,684,000. The rise since 1932 has done much to lessen the hardships suffered by the farming community during the worst years of the depression. An improvement in the gross value of agricultural production was recorded in 1936 by all provinces, but it is interesting to note that Ontario led with an increase of nearly $40,000,000, followed by Saskatchewan having a gain of $22,000,000, Manitoba $18,000,000, and Quebec about $15,000,000. The Province of Ontario contributed one-third of the total agricultural production of all Canada.

The gross value of agricultural commodities produced on Canadian farms in 1936 was estimated at $1,061,624,000, this represents an increase of $112,084,000 over the estimate for 1935, and is $294,830,000 or 38.4% higher than the depression low established in 1932.

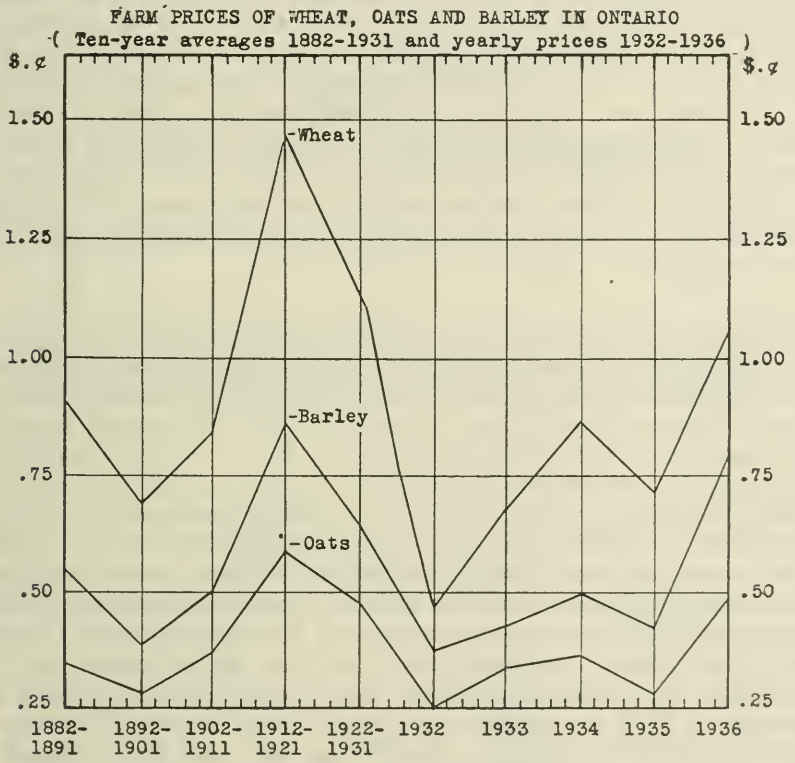
The gross annual agricultural revenue of Ontario for the years 1931 to 1936 is set out in the table below. The estimates for 1936 are preliminary and subject to revision. No allowance has been made in these calculations for the portions of crops used for seed and in the feeding of live stock. Because of these duplications the totals represent gross values.

GROSS ANNUAL AGRICULTURAL REVENUE
OF ONTARIO, 1932–1936

("000" omitted)

	1932	1933	1934	1935	1936
	$	$	$	$	$
Field Crops	116,424	135,813	143,734	132,086	162,332
Farm Animals	21,957	31,500	34,089	43,344	46,732
Wool	287	553	479	575	735
Dairy Products	69,079	74,117	80,018	85,132	91,282
Fruits and Vegetables	12,733	12,533	16,375	18,697	17,693
Poultry and Eggs	18,565	16,294	19,464	20,915	22,939
Fur Farming	644	721	704	966	1,121
Maple Products	888	720	1,040	1,161	1,161
Tobacco	5,703	6,204	6,338	10,117	8,070
Flax Fibre	170	159	150	161	155
Clover and Grass Seed	615	1,079	857	710	1,442
Honey	619	895	1,029	864	718
Total	247,684	280,608	304,277	314,728	354,380

The rise in grain prices accounted to a very large extent for the improvement in revenue recorded by Ontario. Although the volume of field crop production was down approximately 10%, the total value rose from $132,086,000 in 1935 to $162,332,000 in 1936, an increase of slightly more than $30,000,000. Income from live stock was only moderately higher at $46,732,000 as compared with $43,344,000 for the previous year. Dairy products rose from $85,132,000 to $91,282,000 and poultry and eggs from $20,915,000 to $22,939,000. The value of clover and grass seed rose from $710,000 to $1,442,000 showing a gain or more than 100%. The production of fruit and vegetables, tobacco and honey was curtailed by unfavourable weather conditions during the summer of 1936 and the revenue from each of these items was somewhat lower.



The rise in grain prices after harvest was the outstanding feature of the agricultural situation in 1936.

The total acreage devoted to the principal field crops amounted to 9,119,000 acres in 1936 as compared with 9,106,000 acres in 1935. The per acre yield was reduced by a period of prolonged drought and intense heat which lasted from mid-June to mid-August. Spring grains suffered considerably in the central counties of the Province and particularly those bordering on Lake Ontario and Lake Erie. Pastures were burned up and large numbers of dairy farmers were forced to stable-feed their herds in mid-summer. Second crop hay yields were also reduced. In Essex and Kent and Eastern Ontario counties moisture was more plentiful and good crops were harvested. The general situation was improved materially by cool, moist weather after September 1st, and a prolonged open fall. Pastures improved tremendously and enabled farmers to conserve their feed supplies. Root crops developed well and yield per acre exceeded that of 1935. Production of grass, hay

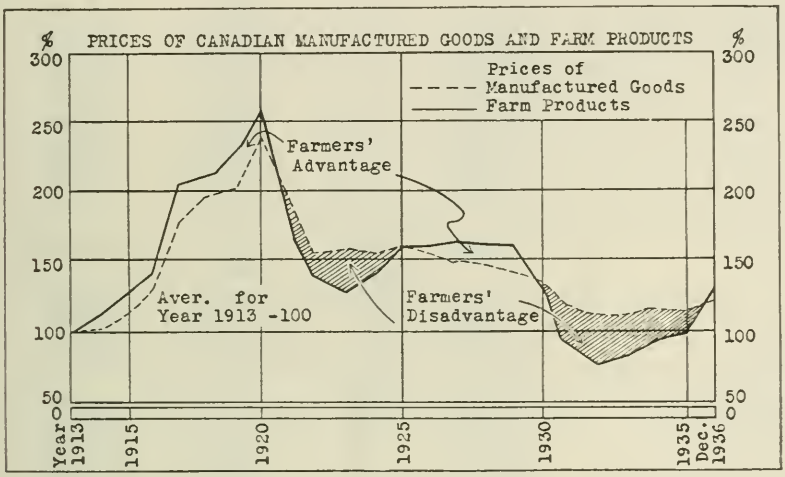
and clover seeds was considerably below normal and was cleaned up at good prices by a strong demand from both domestic and foreign sources. The combined production of wheat, oats, mixed grain, barley and rye amounted to 126,949,000 bushels as compared with 151,725,000 bushels in 1935, and a previous ten-year average of 155,725,000 bushels. The total yield of hay crops (hay and clover, alfalfa, alsike and sweet clover) was 6,156,000 tons as compared with 6,907,000 tons in the previous year and 6,664,000 tons during the ten-year period 1925-1934.

The sheep population showed a further decline with the number of sheep and lambs on farms in June estimated at 886,500 in 1936 as against 945,700 in the previous year. Hog numbers showed a large increase at 1,408,300 as compared with 1,225,300 in 1935. In the fall months there was indication that farmers were commencing to again increase their sheep flocks but cutting down somewhat on sow breedings, due to the scarcity of grain in some sections and the high price of feedstuffs. Horses, cattle and poultry were practically unchanged in population from the previous year. The price trend in animals and animal products in 1936 was mixed. Cheese, sheep and lambs, dairy cattle, calves and horses sold at considerably higher levels than in 1935, while butter, poultry and eggs sold at only slightly higher prices, and whole milk was unchanged. The 1936 yearly average of prices for the two most important classes of live stock, beef cattle and hogs, was lower than in 1935.

Volume of dairy products was somewhat higher in 1936 in spite of the unusually dry summer and poor pasturage. The total production of butter increased 2.2 per cent and cheese 16.3 per cent. Compared with ten years ago the production of butter in Ontario shows a large increase, whereas the make of cheese has declined considerably. Production of creamery butter in 1926 was 62,500,000 pounds and in 1936, 86,250,000 pounds, while the make of cheese which amounted to 119,400,000 pounds in 1926 had falled to 87,800,000 pounds in 1936. Canadian cheese holds an unequalled position on the British Market and it is to be hoped that the favourable prices which prevailed in 1936 may continue during 1937, and that cheese production will show another substantial increase. Considerably larger shipments of cheese were exported to the United Kingdom in 1936, and also to the United States which took more than ten million pounds of Canadian cheddar cheese as compared with less than one-half million pounds in 1935. The summer of 1936 was a trying one for the dairy farmers in the central and western sections of the Province. The extreme heat and the prolonged drought period resulted in a shortage of pasture, scarcity of green feed and poor quality concentrates for winter feeding.

The position of Canadian farmers in respect to their ability to purchase goods is set out graphically in the chart below. The hatched sections indicate the years when prices of agricultural products were below prices of manufactured goods in terms of their relationship for the year 1913. From 1922 to 1925, and again from 1930 to the fall of 1936, farmers secured a smaller quantity of manufactured goods in exchange for their agricultural products than in 1913. In the fall of 1936 agricultural prices rose rapidly and reached the point where again, as in the years 1913 to 1921 and 1925 to 1929, a given quantity of farm products purchased more implements, machinery, clothing, household articles, etc., than in the year 1913, which is usually considered a normal year. At the lowest point of the depression, farmers found it very difficult to purchase needed goods

as the prices of manufactured products had declined only about 30% from the 1929 level, whereas prices of farm produce had fallen by more than 60%. The improved relationship which now exists between these two sets of prices will make it possible for farmers to catch up on some of their needed purchases.



The index of prices of farm products rose sharply during 1936 and by the end of the year farmers were able to buy a slightly larger volume of manufactured goods for a given quantity of agricultural produce than in the year 1913. Periods of prosperity usually occur when the line representing farm prices in the above chart is above the line representing manufactured goods.

PRODUCTION AND SHIPPING POINT VALUE OF FRUIT IN ONTARIO, AS COMPARED WITH 1935

	Year	Total Quantity	Average Value per Unit	Total Value
		Barrels	$	$
Apples	1935	727,000	2.75	1,999,200
	1936	684,200	2.85	1,950,000
		Bushels		
Pears	1935	237,000	1.30	308,100
	1936	196,800	1.47	289,300
Plums	1935	110,000	0.75	82,500
	1936	41,200	1.22	50,300
Peaches	1935	575,000	1.35	776,300
	1936	402,300	1.47	591,400
Cherries	1935	160,000	2.20	352,000
	1936	154,000	2.12	326,500
		Quarts		
Strawberries	1935	11,819,000	0.07	827,300
	1936	6,168,000	0.08½	524,300
Raspberries	1935	3,640,000	0.13	473,200
	1936	1,800,000	0.126	226,800
		Pounds		
Grapes	1935	41,430,000	0.01½	621,400
	1936	21,640,000	0.02	453,000
Total Value	1935	.....	....	5,440,000
	1936	.....	....	4,411,600

PRODUCTION AND VALUE OF PRINCIPAL FARM CROPS, 1936

Field Crops	Acres	Bushels per acre	Production	Market Value	
				Total	Per acre
		bush.	bush.	$	$ c.
Fall wheat	509,300	24.5	12,478,000	13,601,000	26.71
Spring wheat	98,000	17.7	1,735,000	1,874,000	19.12
Oats	2,345,900	28.5	66,858,000	32,092,000	13.68
Barley	519,200	27.0	14,018,000	11,214,000	21.60
Peas	66,800	12.2	815,000	1,263,000	18.91
Beans	56,300	13.2	743,000	1,501,000	26.66
Rye	53,200	16.8	894,000	751,000	14.12
Buckwheat	197,000	20.1	3,960,000	2,732,000	13.87
Flax	5,300	6.5	34,000	50,000	9.43
Corn (shelled)	164,400	37.0	6,083,000	4,136,000	25.16
		cwt.	cwt.		
Potatoes	145,000	60.0	8,700,000	11,745,000	81.00
		bush.	bush.		
Carrots	1,900	163.0	314,000	44,000	23.16
Mangels	32,400	399.0	12,941,000	1,812,000	55.93
Turnips	61,900	375.0	23,227,000	3,252,000	52.54
Mixed grains	953,100	29.2	27,831,000	14,750,000	15.48
		Tons	Tons		
Sugar beets	37,600	10.40	391,000	2,078,000	55.27
Corn (for silo), green	306,900	8.05	2,471,000	7,858,000	25.60
Hay and clover	2,510,300	1.57	3,936,000	34,612,000	13.79
Alfalfa	666,400	2.28	1,519,000	13,276,000	19.92
Alsike	78,600	1.30	102,000	712,000	9.06
Sweet clover	309,400	1.94	599,000	2,978,000	9.63
Totals 1936	9,119,000	.....	.....	162,334,000	17.80
" 1935	9,106,000	.....	.....	131,260,000	14.41

The acreages devoted to other crops in 1936 were as follows:—Orchards, 184,218; strawberries, 8,962; vineyards, 15,318; other small fruits, 13,549; summer fallow, 41,642; pasture (cleared), 2,828,310.

RAPE.—The estimate for 1936 was 13,385 acres of which 4,362 are in Wellington, 2,165 in Grey and 2,397 in Dufferin.

TOBACCO ACREAGE AND PRODUCTION IN ONTARIO, YEARS 1935-1936

	Burley	Flue-cured	Dark	Total
Year 1936				
Total area (acres)	7,996	35,500	2,250	45,746
Yield (lb.)	1,188	662	1,111	776
Production (lb.)	9,500,000	23,500,000	2,500,000	35,500,000
Year 1935				
Total area (acres)	8,223	30,905	2,300	41,428
Yield (lb.)	1,283	1,138	1,200	1,171
Production (lbs.)	10,548,650	35,183,570	2,760,000	48,492,220

THE WEATHER

TEMPERATURE.—The following table gives the temperature of the Province for each month during the last five years, together with the mean annual temperature for the six months, April–September, practically the growing season, together with the average for the five years, 1932–1936, and fifty-five years, 1882–1936.

Months	1936	1935	1934	1933	1932	1932–1936	1882–1936
	°	°	°	°	°	°	°
January	16.1	15.1	21.4	28.6	31.1	22.5	17.8
February	11.1	18.1	5.4	21.3	24.7	16.1	17.6
March	31.0	31.4	24.0	27.9	25.7	28.0	27.7
April	37.2	41.1	39.6	43.1	38.1	39.8	41.5
May	56.2	48.9	55.5	55.1	54.2	54.0	53.5
June	62.3	61.6	65.5	66.0	63.7	63.8	63.5
July	69.2	71.5	68.4	70.0	66.0	69.0	68.2
August	66.1	67.5	63.3	67.3	67.7	66.4	65.8
September	59.8	56.2	62.2	61.8	59.8	59.9	58.9
October	45.9	47.4	46.4	46.2	49.2	47.0	47.5
November	30.1	36.3	40.4	27.7	32.5	33.4	35.3
December	26.2	18.5	19.6	18.4	26.2	21.8	33.5
Annual Mean	42.6	42.8	42.6	44.5	44.9	43.5	44.2
Mean for six months April–September	58.5	57.8	59.0	60.5	58.3	58.8	58.6

The mean temperature for 1936 was 42.6 degrees or 0.2 degree lower than preceding year, and 1.6 degree above the normal of the fifty-five years, 1882–1936.

The mean of the six months, April–September, was 58.5 or 0.7 degree above preceding year and 0.1 degree below the fifty-five year normal.

Six months were above normal and six below with March having the greatest departure above with 3.3 degrees, and February the greatest below with 6.5 degrees.

Sunshine.—In the following the averages of sunshine are derived from the records of the weather stations at Woodstock, Toronto, Lindsay, Kingston and Ottawa.

Months	Sun above horizon	1936	1935	1934	1933	1932	1932–1936	1882–1936
	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
January	285.7	61.6	93.9	50.6	94.2	48.2	69.7	76.8
February	302.5	113.6	98.4	151.9	114.3	103.5	116.3	104.8
March	369.9	96.5	144.6	121.0	102.6	126.4	118.2	141.3
April	406.4	111.6	166.3	142.6	152.2	157.1	146.0	178.1
May	461.1	256.6	261.4	288.9	212.3	223.6	248.6	216.9
June	465.7	267.9	226.8	273.4	278.9	260.4	261.5	249.8
July	470.9	320.8	283.7	311.9	294.1	248.2	291.7	270.7
August	434.5	220.0	265.6	263.6	260.9	243.9	250.8	241.8
September	376.3	194.9	177.2	119.8	169.0	214.7	175.1	182.6
October	340.2	137.3	154.8	153.2	142.6	124.4	142.5	139.3
November	286.9	92.0	63.0	61.1	76.8	107.9	80.1	77.7
December	274.3	82.2	69.0	65.6	67.3	74.1	71.6	63.2
For year	4474.4	1955.0	2004.7	2003.6	1965.2	1932.4	1972.1	1943.0
For six months April-September	2614.9	1371.8	1381.0	1400.2	1367.4	1347.9	1373.7	1339.9

The year 1936 had 1,955.0 hours of sunshine, 12.0 hours more than the average for the last fifty-five years. The six growing months, April–September, had

1,371.8 hours or 31.9 more than the average. Seven months were above normal and five below. July had the greatest departure above with 50.1 hours and April the greatest below with 66.5 hours.

PRECIPITATION.—The fall of both rain and snow for the five winter months including November, 1935, and March, 1936, is given in the following table for five years, together with the average for the fifty-five years, 1882–1936. Ten inches of snow is equivalent to one inch of rain.

Months	1936	1935	1934	1933	1932	1932–1936	1882–1936
	in.	in.	in.	in.	in.	in.	in.
November, 1935:							
Rain	2.59	2.88	1.59	2.12	2.85	2.41	2.02
Snow	6.1	4.0	20.8	11.5	2.4	9.0	7.5
December, 1935:							
Rain	0.41	0.37	1.20	1.73	1.57	1.06	1.19
Snow	15.5	18.2	20.5	11.8	8.6	14.9	15.3
January, 1936:							
Rain	0.28	1.06	0.78	0.97	2.56	1.13	0.92
Snow	20.5	21.5	14.7	6.8	13.2	15.3	18.7
February, 1936:							
Rain	0.37	0.53	0.00	0.64	1.11	0.53	0.68
Snow	19.6	12.7	12.4	16.3	14.5	15.1	15.4
March, 1936:							
Rain	1.82	1.06	1.31	1.20	0.50	1.18	1.18
Snow	17.9	8.1	12.1	11.7	19.2	13.8	11.1
Five Months:							
Rain	5.47	5.90	4.88	6.66	8.59	6.31	5.69
Snow	79.6	64.5	80.5	58.1	57.9	68.1	68.0

The total amount of rainfall for the five months was 5.47 inches or 0.22 below the average for the fifty-five years, 1882–1936. The total amount of snowfall was 79.6 inches or 11.6 inches above normal.

The rainfall for the six months, April–September, comprising what is regarded as the growing season for most crops, is given in the following table covering the last five years, 1932–1936, and the normal for the fifty-five years, 1882–1936.

Months	1936	1935	1934	1933	1932	1932–1936	1882–1936
	in.	in.	in.	in.	in.	in.	in.
April	1.95	1.30	2.02	2.53	1.49	1.86	1.88
May	1.16	1.90	1.19	2.66	2.53	1.89	2.67
June	2.64	4.31	2.96	1.94	1.94	2.76	2.82
July	1.34	3.14	1.99	1.77	3.52	2.35	2.85
August	2.37	1.89	1.89	2.74	4.03	2.58	2.62
September	3.85	2.84	4.34	2.50	3.71	3.45	2.79
Total for six months	13.31	15.38	14.39	14.14	17.22	14.89	15.63

The rainfall for the six months, April–September, was 13.31 inches or 2.07 inches below preceding year, and in comparison with the fifty-five years 2.32 below. Two months were above normal and four below. September with 1.06 above and May and July 1.51 below had the greatest departures during the growing season.

TEMPERATURES, 1936

TABLE I.—Showing for each month the highest, lowest, mean daily range and mean temperature at the principal stations in Ontario for 1936; also the annual mean for each station.

Months	Southampton	Chatham	London	Woodstock	Vineland	Toronto	Lindsay	Beatrice	Ottawa	Montreal River
	°	°	°	°	°	°	°	°	°	°
January:										
Highest	40.0	42.0	40.0	40.5	46.3	41.4	37.0	37.0	38.0	35.0
Lowest	−6.5	−7.0	−7.0	−7.0	−3.4	−2.0	−16.5	−26.0	−22.0	−37.0
Daily range	11 0	14.4	11.9	11.0	10.4	10.8	14.9	16.2	15.4	25.5
Monthly mean	19.3	22.3	18.7	18.8	23.1	22.4	14.5	12.5	9.4	0.1
February:										
Highest	44.8	47.0	44.4	43.4	47.9	46.8	40.9	42.0	41.0	41.0
Lowest	−14.0	−4.5	−10.6	−12.2	−3.3	−3.2	−17.5	−23.5	−20.0	−40.0
Daily range	16.0	17.4	17.8	17.0	15.0	14.5	17.4	20.7	20.7	32.9
Monthly mean	11.1	15.9	12.9	12.5	18.0	17.4	9.5	7.9	6.7	−0.9
March:										
Highest	54.8	64.0	60.0	58.0	60.7	60.6	50.1	51.0	57.0	51.0
Lowest	−10.0	8.5	−1.6	1.0	12.0	6.3	−7.2	−15.0	−20.0	−32.0
Daily range	14.1	15.1	14.6	14.1	11.4	11.9	14.1	16.2	15.8	22.9
Monthly mean	29.6	36.3	33.9	32.6	34.7	34.4	28.8	27.4	29.0	23.0
April:										
Highest	65.5	69.0	64.9	63.0	69.2	64.0	78.9	64.0	64.0	64.0
Lowest	13.5	21.0	16.9	18.9	23.1	23.9	15.9	−3.0	17.0	−10.0
Daily range	13.2	15.0	14.9	15.3	13.3	12.4	15.2	17.1	14.5	23.2
Monthly mean	34.8	40.5	38 0	37.2	40.1	39.6	37.0	34.3	38.8	31.3
May										
Highest	81.2	89.0	85.3	84.5	87.0	89.9	89.0	84.0	89.0	85.0
Lowest	27.8	33.0	31.0	29.8	32.2	31.8	26.0	21.0	26.0	17.0
Daily range	22.0	34.6	23.8	24.0	24.2	22.8	26.1	27.0	21.7	28.2
Monthly mean	53.1	60 7	57.5	57.7	58.6	58.7	57.4	53.9	55.7	48.7
June:										
Highest	78.5	88.0	86.8	85.0	85.0	87.2	87.0	85.0	86.0	88.0
Lowest	36.0	44.0	37.5	41.0	42.0	48.0	39.0	33.0	39.0	28.0
Daily range	22.2	24.0	23.8	23.3	20.5	20.2	24.6	26.2	23.4	33.0
Monthly mean	58.3	64.9	62.5	63.7	63.5	64.9	65.3	60.5	62.9	56.4
July:										
Highest	92.0	103.5	102.1	101.8	103.4	105.0	102.0	96.0	96.0	101.2
Lowest	38.7	47.0	38.5	42.0	44.0	51.8	40.0	35.0	43.0	33.0
Daily range	21.9	27.7	30.2	27.6	22.1	21.9	31.0	28.7	23.4	32.0
Monthly mean	65.6	72.7	70.0	71.4	72.7	73.1	70.0	65.1	67.2	63.8
August:										
Highest	87.2	95.0	93.2	93.2	93.7	97.2	94.0	89.0	88.0	86.0
Lowest	40.8	46.5	42.7	45.0	48.0	50.1	41.6	37.0	42.0	29.0
Daily range	20.8	23.1	26.1	23.5	19.0	24.1	26.1	27.3	21.2	30.1
Monthly mean	64.8	71.6	68.8	68.6	69.4	66.9	66.2	61.8	64.3	58.2
September:										
Highest	89.5	90.0	88.7	87.0	90.2	86.8	85.0	88.0	84.0	88.0
Lowest	32.0	35.0	32.6	32.0	34.0	37.1	29.0	23.0	29.0	21.0
Daily range	19.5	21.1	21.8	21.7	17.6	17.7	22.8	24.9	21.8	28.7
Monthly mean	59.9	60.3	62.0	61.5	64.1	62.6	59.2	57.0	58.2	53.5
October:										
Highest	72.5	74.0	72.0	72.5	75.9	73.2	75.0	69.0	71.0	70.0
Lowest	21.8	28.0	20.5	19.0	23.9	20.8	12.6	6.0	16.0	5.0
Daily range	16.4	17.5	17.6	16.8	14.9	15.6	19.4	21.1	16.4	21.1
Monthly mean	46.3	51.2	47.2	47.2	51.4	49.0	44.6	42.0	43.5	36.3
November:										
Highest	66.0	64.0	61.8	62.5	68.7	64.3	60.0	63.0	65.0	61.0
Lowest	1.0	8.0	−7.8	−2.0	12.0	2.7	−5.8	−20.0	− 4.0	−27.0
Daily range	13.4	13.7	15.6	13.5	12.3	13.8	15.3	17.6	14.8	18.3
Monthly mean	31.2	35.0	32.1	31.5	36.0	34.3	28.0	26.2	27.6	19.4
December:										
Highest	56.2	54.0	52.4	53.8	59.2	52.8	49.0	48.0	48.0	48.0
Lowest	−3.2	9.0	−6.0	−7.0	10.7	5.4	−10.5	−13.0	−16.0	−29.0
Daily range	13.2	12.7	14.5	13.1	11.9	12.5	15.9	17.6	18.4	25.6
Monthly mean	29.0	31.4	29.0	28.5	33.0	31.4	24.5	22.9	18.8	13.3
The year	41.9	46.9	44.4	44.3	47.0	46.1	42.1	39.3	40.2	33.6

AVERAGE TEMPERATURE FOR FIFTY-FIVE YEARS

TABLE II.—Showing for each month the monthly average for the highest, lowest, mean daily range and mean temperature at the principal stations in Ontario, derived from the fifty-five years, 1882-1936; also the annual mean at each station for the same period.

Months	Southampton	Chatham	London	Woodstock	Vineland	Toronto	Lindsay	Beatrice	Ottawa	Montreal River
	°	°	°	°	°	°	°	°	°	°
January:										
Highest	44.2	46.5	45.7	45.4	49.3	45.4	41.6	40.6	40.7	38.1
Lowest	−7.1	−6.6	−8.8	−9.6	−3.9	−6.3	−19.4	−27.0	−21.0	−34.3
Daily range	14.3	12.5	14.8	15.1	14.1	14.2	18.0	20.2	17.7	24.7
Monthly mean	21.0	22.7	21.8	20.5	25.1	22.9	16.2	14.2	11.9	6.0
February:										
Highest	43.8	49.3	46.3	45.2	48.0	45.0	41.7	41.5	40.5	41.1
Lowest	−11.6	−7.2	−9.9	−9.9	−4.7	−6.4	−17.5	−26.5	−19.8	−34.8
Daily range	16.3	14.1	16.5	16.2	15.0	14.9	19.6	22.0	19.0	25.6
Monthly mean	18.8	21.9	20.6	24.5	23.3	21.6	15.7	13.5	12.9	8.2
March:										
Highest	54.6	60.4	59.8	57.4	60.1	57.1	53.1	51.0	50.3	51.4
Lowest	−1.9	2.7	0.8	0.9	6.6	5.0	−5.9	−12.6	−7.2	−22.9
Daily range	16.5	15.5	17.3	16.2	14.8	14.4	18.5	20.6	17.5	25.6
Monthly mean	27.2	31.3	30.4	28.7	32.7	30.5	26.1	23.3	25.1	20.2
April:										
Highest	72.2	77.4	75.9	73.8	76.6	71.4	74.3	71.1	73.8	72.0
Lowest	16.0	19.7	18.6	18.1	21.2	21.4	14.4	9.9	15.7	4.1
Daily range	17.4	18.7	20.6	19.4	17.2	16.6	21.0	21.1	19.3	24.4
Monthly mean	40.0	44.3	43.1	42.1	43.9	42.8	41.3	38.9	41.2	37.3
May:										
Highest	79.7	84.2	83.5	80.9	84.6	81.1	83.3	80.9	83.5	84.4
Lowest	28.2	30.1	29.1	29.3	32.8	32.1	27.6	25.7	30.9	19.5
Daily range	19.4	21.7	23.1	21.7	20.5	19.3	24.2	23.6	21.9	27.0
Monthly mean	50.7	55.8	55.0	53.5	54.5	54.1	53.8	51.8	54.9	50.9
June:										
Highest	85.2	89.9	89.5	86.5	91.0	88.0	89.2	86.7	88.5	90.0
Lowest	37.3	39.1	38.0	38.5	41.3	42.2	38 0	35.2	41.1	32.7
Daily range	19.8	22.0	23.6	22.0	21.3	20.4	24.9	24.6	21.6	28.1
Monthly mean	60.3	65.6	64.8	63.4	65.1	64.3	63.5	61.7	64.6	60.9
July:										
Highest	87.7	94.0	93.1	90 0	93.2	91.8	92.2	89.6	91.4	92.1
Lowest	44.2	45.5	44.3	44.6	48.2	49.2	44.0	41.7	48.7	39 2
Daily range	19.9	22.5	23.6	22.3	21.2	20.3	25.0	23.7	21.0	26.7
Monthly mean	61.1	70.5	69.5	67.9	71.1	69.5	68.0	66.1	69.0	65.0
August:										
Highest	86.2	91.7	91.2	88.6	92.9	89.5	90.2	87.4	89.1	88.4
Lowest	41.9	43.8	41.0	41.9	46.0	46.8	40.5	37.6	44.0	36.0
Daily range	18.4	21.7	23.5	22.9	20.8	21.4	24.5	23.4	21.2	25.9
Monthly mean	64.6	68.2	66.9	65.3	68.8	66.5	65.5	63.7	66.3	61.9
September:										
Highest	84.4	88.5	87.3	85.0	89.3	85.6	85.6	83.1	85.2	83.6
Lowest	34.5	35.4	32.3	32.9	36.4	37.0	31.7	29.7	33.6	28.3
Daily range	18.2	20.2	22.3	21.1	20.1	18.5	22.8	21.7	20.7	24.1
Monthly mean	59.2	62.4	60.9	59.4	62.7	60.8	58.5	57.1	58.7	54.7
October:										
Highest	74.5	77.5	76.0	74.2	77.4	73.9	74.2	72.2	72.8	72.7
Lowest	25.8	26.8	24.2	24.1	26.6	27.3	21.3	20.2	24.2	17.2
Daily range	16.1	17.6	20.0	18.6	18.4	16.3	20.1	19.0	17.8	20.0
Monthly mean	48.1	50.4	48.6	47.4	50.7	48.9	46.3	45.4	46.2	42.7
November:										
Highest	61.7	64.0	62.4	61.6	65.4	60.9	59 7	58.8	59.2	55.7
Lowest	14.1	14.9	13.0	12.2	17.6	15.6	6.3	4.9	7.3	−2.2
Daily range	13.1	12.6	14.4	14.0	13.8	12.7	15.4	14.7	12.8	15.5
Monthly mean	36.7	38.2	36.9	35.8	39.6	37.8	33.9	32.8	32.9	28.7
December:										
Highest	48.7	50.2	51.8	48.8	52.9	48.9	45.5	44.4	43.3	42.9
Lowest	0.2	1.4	−1.6	−2.7	0.7	0.0	−12.7	−16.2	−14.6	−25.5
Daily range	12.3	10.9	13.2	13.1	12.5	12.4	15.9	17.0	14.8	19.8
Monthly mean	26.5	27.3	26.4	25.1	29.1	27.5	21.3	20.0	18.0	13.5
The year	42.8	46.6	45.4	44.6	47.2	45.6	42.5	40.8	41.8	37.5

RAIN AND SNOW

TABLE III.—Summary of the total fall of rain and snow and the number of days on which rain and snow fell in Ontario during 1936, at stations reporting the whole year, and the average of the Province.

Stations	Rain		Snow	
	Inches	Days	Inches	Days
ALGOMA:				
Biscotasing	20.54	77	113.4	63
Franz	19.85	102	126.2	72
Kapuskasing	14.67	80	133.0	77
Steep Hill Falls	24.51	62	211.2	58
BRANT:				
Brantford	22.99	85	66.0	31
Paris	25.22	98	84.7	43
BRUCE:				
Southampton	17.69	89	123.7	64
Tobermory	24.80	63	92.0	31
Walkerton	29.01	82	121.0	43
CARLETON:				
Ottawa	31.08	117	73.2	42
DUNDAS:				
Morrisburg	31.37	126	85.0	53
Orono	26.04	98	109.3	45
ELGIN:				
St. Thomas	22.80	97	52.3	46
ESSEX:				
Harrow	23.67	98	28.3	39
Leamington	22.51	82	36.6	25
FRONTENAC:				
Kingston	32.16	120	65.7	43
GREY:				
Eugenia	Incomplete			
HALTON:				
Georgetown	Incomplete			
HASTINGS:				
Belleville	23.31	118	96.0	52
Queensboro	Incomplete			
Trenton	25.76	106	9.33	42
HURON:				
Brucefield	20.43	72	62.4	42
Lucknow	20.69	77	123.3	61
Ridgecrest	19.24	71	91.5	38
KENORA:				
Ignace	17.95	34	114.0	32
KENT:				
Chatham	18.94	77	39.8	25
LEEDS:				
Brockville	28.51	76	65.5	27
LINCOLN:				
St. Catharines	16.41	89	52.9	21
Vineland	21.66	102	71.0	37
MANITOULIN:				
Providence Bay	22.42	47	150.5	30
MIDDLESEX:				
London	24.02	103	77.7	70
Lucan	26.55	91	111.0	61
MUSKOKA:				
Beatrice	24.18	84	110.0	39
NIPISSING:				
Algonquin Park	19.53	61	99.8	46
Haileybury	22.09	103	96.8	78
Iroquois Falls	21.04	88	128.2	76
Madawaska	15.02	48	106.8	33
Montreal River	23.44	118	111.7	76
Rutherglen	22.11	76	94.0	31
NORFOLK:				
Simcoe	22.94	95	65.0	38
NORTHUMBERLAND:				
Healey Falls	21.56	83	86.3	41
OXFORD:				
Woodstock	24.63	99	74.3	64
PARRY SOUND:				
Magnetawan	27.27	94	117.6	76
NIPISSING:				
Parry Sound	25.18	106	127.4	76
PEEL:				
Alton	Incomplete			
PERTH:				
Stratford	25.92	83	92.7	55
PETERBOROUGH:				
Apsley	28.68	107	120.5	52
Lakefield	24.56	64	99.0	29
Peterborough	23.75	114	103.3	55
RAINY RIVER:				
Emo	15.05	45	65.9	47
Fort Frances	18.92	50	82.1	41
Kenora	11.12	39	87.0	43
Mine Centre	14.36	46	94.1	52
Sioux Lookout	13.84	81	78.5	74
Atikokan	13.07	37	99.1	38
RENFREW:				
Clontarf	23.49	69	95.6	32
Pembroke	28.18	91	75.5	36
SIMCOE:				
Orillia	23.07	106	98.5	67
Washago	24.73	105	107.5	51
SUDBURY:				
Chapleau	16.92	84	101.5	59
Coniston	21.97	78	75.3	64
Timmins	17.58	91	84.3	91
THUNDER BAY:				
Kakabeka Falls	17.98	73	84.6	38
Port Arthur	17.17	58	39.2	47
Schreiber	16.08	68	85.2	50
VICTORIA:				
Fenelon Falls	23.21	100	96.4	54
Lindsay	21.72	91	60.1	48
WELLAND:				
Welland	20.36	98	100.8	54
WELLINGTON:				
Guelph	23.08	80	61.5	33
YORK:				
Agincourt	22.41	90	68.9	57
Toronto	21.31	95	66.8	52
Average for the Province 1936	21.78	84	90.2	79
1935	23.00	82	68.1	42
1934	21.58	81	69.6	45
1882–1936	24.25	74	73.0	40

RAIN AND SNOW

TABLE IV.—Monthly summary of inches of rain and snow in precipitation in the several districts in Ontario in 1936. Also the average derived from the fifty-five years, 1882-1936.

Months	West and Southwest		North and Northwest		Centre		East and Northeast		The Province	
	Rain	Snow	Rain	Snow	Rain	Snow	Rain	Snow	Rain	Snow
1936	in.	in.	in.	in.	in.	in.	in.	in.	in.	in
January	0.37	22.5	Trace	18.3	0.34	17.9	0.41	23.4	0.28	20.5
February	0.69	20.2	0.03	17.9	0.40	21.6	0.36	18.9	0.37	19.6
March	1.01	8.9	0.98	19.4	1.81	22.3	3.50	21.0	1.82	17.9
April	2.25	5.3	0.96	8.5	2.06	4.6	2.54	2.4	1.95	5.
May	1.27	.....	0.25	4.0	1.37	0.2	1.74	.....	1.16	1.1
June	2.68	.....	2.12	.....	2.70	.....	3.06	.....	2.64	.....
July	0.83	.....	2.01	.....	0.98	.....	1.54	.....	1.34	.....
August	2.00	.....	2.67	.....	2.01	.....	2.78	.....	2.37	.....
September	4.19	.....	3.23	Trace	3.87	.....	4.11	.....	3.85	.....
October	3.47	1.2	2.14	6.0	3.18	1.2	3.62	1.4	3.10	2.5
November	1.34	11.8	0.65	15.2	1.28	8.8	1.35	8.3	1.15	11.0
December	2.28	7.2	0.71	17.7	2.21	12.3	1.78	12.5	1.75	12.4
The year	22.38	77.1	15.75	107.0	22.21	88.9	26.79	87.9	21.78	90.2
1882–1936										
January	1.17	16.1	0.50	22.6	1.04	16.8	0.96	19.4	0.92	18.7
February	1.01	13.7	0.33	17.6	0.81	14.2	0.59	16.3	0.68	15.4
March	1.38	8.9	0.77	13.5	1.32	10.3	1.24	11.7	1.18	11.1
April	2.15	2.3	1.47	4.7	2.06	3.1	1.83	3.5	1.88	3.4
May	2.97	0.1	2.39	0.3	2.70	0.1	2.62	0.1	2.67	0.2
June	2.90	.....	2.76	.....	2.79	.....	2.81	.....	2.82	.....
July	2.73	.....	3.00	.....	2.84	.....	2.83	.....	2.85	.....
August	2.67	.....	2.78	.....	2.42	.....	2.61	.....	2.62	.....
September	2.78	.....	3.14	Trace	2.59	.....	2.67	Trace	2.79	.....
October	2.70	0.8	2.77	2.6	2.57	0.7	2.49	1.0	2.63	1.3
November	2.31	5.9	1.65	12.0	2.09	5.5	1.98	6.9	2.01	7.6
December	1.87	14.2	0.67	19.9	1.18	12.8	1.09	14.2	1.20	15.3
The year	26.64	62.0	22.23	93.2	24.41	63.5	23.72	73.1	24.25	73.0

SUNSHINE

TABLE V.—Monthly summary of bright sunshine at the principal stations in Ontario for 1936 showing the number of hours the sun was above the horizon, the hours of registered sunshine, the total for the year and average derived from the fifty-five years, 1882-1936.

Months	Sun above horizon	Woodstock	Toronto	Lindsay	Kingston	Ottawa	Average of five stations		
							1936	1935	1882–1936
1936	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
January	285.7	48.3	54.7	55.1	73.0	77.2	61.6	93.9	.....
February	302.5	104.0	117.3	91.9	124.2	130.6	113.6	98.4	.....
March	369.9	100.3	96.3	81.0	107.4	97.4	96.5	144.6	.....
April	406.4	103.2	100.3	93.1	116.1	145.2	111.6	166.3	.....
May	461.1	279.0	274.8	237.7	248.3	243.0	256.6	261.4	.....
June	465.7	284.7	298.6	211.9	253.8	290.3	267.9	226.8	.....
July	470.9	358.7	354.2	270.1	320.2	301.0	320.8	283.7	.....
August	434.5	228.8	240.4	183.2	230.6	216.8	220.0	265.6	.....
September	376.3	183.6	210.6	160.0	210.5	209.6	194.9	177.2	.....
October	340.2	143.7	146.8	119.5	138.1	138.4	137.3	154.8	.....
November	286.9	97.5	103.8	87.2	89.4	82.2	92.0	63.0	.....
December	274.3	94.4	85.1	73.9	79.9	77.9	82.2	69.0	.....
For year	4,474.4	2,026.2	2,082.9	1,664.6	1,991.5	2,009.6	1,955.0	2,004.7	.....
1882–1936									
January	.....	66.4	77.3	72.1	79.5	88.9	.....	.....	76.8
February	.....	93.1	107.4	98.7	110.9	113.2	.....	.....	104.7
March	.....	125.0	150.3	138.4	143.6	149.4	.....	.....	141.3
April	.....	167.3	185.6	171.9	177.6	188.1	.....	.....	178.1
May	.....	217.9	228.3	205.8	213.7	218.8	.....	.....	216.9
June	.....	256.9	265.4	230.6	250.8	245.0	.....	.....	249.8
July	.....	281.0	288.4	246.6	273.6	264.2	.....	.....	270.8
August	.....	238.9	254.7	222.4	249.5	244.7	.....	.....	242.0
September	.....	177.4	204.1	174.7	182.3	174.9	.....	.....	182.7
October	.....	147.1	153.1	126.8	136.2	133.5	.....	.....	139.3
November	.....	76.0	83.0	68.6	79.9	80.7	.....	.....	77.6
December	.....	55.8	65.4	57.1	68.8	68.0	.....	.....	63.0
For year	.....	1,902.8	2,063.0	1,813.7	1,966.4	1,969.4	.....	.....	1,943.0

RURAL AREA ASSESSED

TABLE VI.—Showing by County Municipalities the rural area of Ontario as returned by Municipal Assessors for 1936 to the Department of Municipal Affairs.

Counties and Districts	Acres of Assessed Land			Acres Cleared			Per cent. cleared
	Resident	Non-resident	Total	Resident	Non-resident	Total	
Algoma	262,409	71,935	334,344	67,716	3,514	71,230	21.30
Brant	213,159	1,712	214,871	177,940	1,070	179,010	83.31
Bruce	910,649	21,466	932,115	576,162	6,111	582,273	62.47
Carleton	545,234	15,952	561,186	382,039	6,757	388,796	69.28
Cochrane	129,824	36,849	166,673	22,759	4,657	27,416	16.45
Dufferin	356,151	100	356,251	284,179	.....	284,179	79.77
Dundas	239,864	.....	239,864	192,071	.....	192,071	80.07
Durham	366,317	3,881	370,198	308,989	2,220	311,209	84.07
Elgin	432,796	4,067	436,863	361,881	3,339	365,220	83.60
Essex	403,076	13,306	416,382	368,047	11,858	379,905	91.24
Frontenac	589,382	76,495	665,877	238,968	14,633	253,601	38.09
Glengarry	287,689	1,003	288,692	197,343	628	197,971	68.58
Grenville	273,066	.....	273,066	187,367	.....	187,367	68.62
Grey	1,063,599	2,164	1,065,763	688,471	983	689,454	64.69
Haldimand	279,826	2,190	282,016	206,265	42,180	248,445	88.10
Haliburton	437,139	51,923	489,062	41,640	7,081	48,721	9.96
Halton	221,279	3,138	224,417	173,087	1,863	174,950	77.96
Hastings	954,562	125,579	1,080,141	398,689	16,998	415,687	38.48
Huron	783,641	15,872	799,513	665,321	14,338	679,659	85.01
Kenora	89,727	15,679	105,406	13,263	1,807	15,070	14.30
Kent	559,022	9,464	568,486	498,140	7,450	505,590	88.94
Lambton	660,370	2,170	662,540	549,496	1,690	551,186	83.19
Lanark	649,883	15,044	664,927	334,286	6,410	340,696	51.24
Leeds	465,461	7,937	473,398	271,853	2,493	274,346	57.95
Lennox & Addington	426,827	18,906	445,733	251,896	958	252,854	56.73
Lincoln	188,536	460	188,996	164,034	365	164,399	86.99
Manitoulin	226,615	70,378	296,993	43,204	1,050	44,254	14.90
Middlesex	742,950	11,163	754,113	670.042	9.760	679,802	90.15
Muskoka	527,609	37,153	564,762	74,223	3,708	77,931	13.80
Nipissing	298,024	17,798	315,822	73,930	2,587	76,517	24.23
Norfolk	393,680	.....	393,680	271,453	.....	271,453	68.95
Northumberland	433,506	34	433,540	352,234	34	352,268	81.25
Ontario	496,925	9,878	506,803	380,611	4,112	384,723	75.91
Oxford	468,432	2,921	471,353	405,932	2,083	408,015	86.56
Parry Sound	501,050	105,628	606,678	84,327	7,386	91,713	15.12
Peel	285,284	3,375	288,659	261,034	2,743	263,777	91.38
Perth	511,332	7,773	519,105	453,105	5,452	458,557	88.34
Peterborough	519,244	57,148	576,392	249,711	10,969	260,680	45.23
Prescott	277,456	11,447	288,903	218,023	6.055	224,078	77.56
Prince Edward	234,375	.....	234,375	197,542	.....	197,542	84.28
Rainy River	329,157	70,681	399,838	57,741	6,400	64,141	16.04
Renfrew	996,199	78,319	1,074,518	381,046	20,093	401,139	37.33
Russell	225,883	21,052	246,935	157,813	12,701	170,514	69.05
Simcoe	953,520	9,385	962,905	690,771	4,975	695,746	72.25
Stormont	244,690	2,042	246,732	168,138	242	168,380	68.24
Sudbury	300,179	104,659	404,838	72,824	8,952	81,776	20.20
Thunder Bay	526,273	24,831	551,104	58,210	3,068	61,278	11.12
Timiskaming	254,930	40,629	295,559	78,787	4,304	83,091	28.11
Victoria	578,558	12,968	591,526	298,268	3,872	302,140	51.08
Waterloo	306,410	.....	306,410	257,031	.....	257,031	83.88
Welland	222,111	.....	222,111	183,158	.....	183,158	82.46
Wellington	619,276	.....	619,276	521,499	.....	521,499	84.21
Wentworth	264,850	.....	264,850	207,763	.....	207,763	78.45
York	529,153	1,012	530,165	443,372	105	443,477	83.65
The Province:							
1936	24,057,159	1,217,566	25,274,725	14,933,694	280,054	15,213,748	60.19
1935	24,046,688	1,257,957	25,304,645	14,978,012	237,152	15,215,164	60.13
1934	24,090,075	1,223,008	25,313,083	14,957,767	218,719	15,176,486	59.96

NOTE.—Statistics regarding non-resident lands which should include unoccupied lands assessable are not satisfactory, as many assessors do not make any distinction on their rolls.

FALL WHEAT AND SPRING WHEAT

TABLE VII.—Showing by County Municipalities of Ontario the area, produce and market value of Fall Wheat and Spring Wheat for the year 1936, together with the comparative totals for the Province for 1935.

Counties and Districts	Fall Wheat				Spring Wheat			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
				$				$
Algoma	114	20.5	2,337	2,746	1,239	13.5	16,727	18,217
Brant	10,700	21.2	226,840	253,380	546	16.6	9,064	10,007
Bruce	18,333	26.6	487,658	527,158	1,705	20.3	34,612	37,104
Carleton	147	22.6	3,322	3,671	4,776	20.2	96,475	101,685
Cochrane	36	21.5	774	887	414	18.6	7,700	8,701
Dufferin	1,994	28.2	56,231	61,854	2,319	20.1	46,612	50,341
Dundas	111	23.0	2,553	2,801	1,702	20.5	34,891	40,264
Durham	6,861	24.8	170,153	190,401	3,088	16.9	52,187	55,631
Elgin	17,443	20.0	348,860	384,095	257	17.9	4,600	5,009
Essex	46,708	23.1	1,078,955	1,152,324	1,066	18.9	20,147	21,477
Frontenac	206	22.3	4,594	5,007	1,826	15.4	28,120	31,663
Glengarry	118	21.6	2,549	2,845	2,435	15.8	38,473	42,397
Grenville	62	22.9	1,420	1,569	654	19.7	12,884	13,953
Grey	15,195	28.2	428,499	468,349	2,563	20.4	52,285	55,108
Haldimand	14,615	21.5	314,223	345,960	1,575	15.5	24,413	27,416
Haliburton	15	21.5	323	359	72	14.0	1,008	1,113
Halton	5,275	25.1	132,403	148,027	2,676	18.4	49,238	52,980
Hastings	999	21.0	20,979	23,434	1,923	17.0	32,691	36,418
Huron	24,116	26.0	627,016	685,956	2,624	21.0	55,104	56,978
Kenora	22	21.6	475	533	251	12.3	3,087	3,390
Kent	72,564	22.2	1,610,921	1,709,187	2,322	17.4	40,403	43,191
Lambton	46,613	24.8	1,156,002	1,269,290	1,148	15.0	17,220	18,288
Lanark	158	25.0	3,950	4,250	3,405	18.5	62,993	69,229
Leeds	224	21.0	4,704	5,038	1,489	19.4	28,887	32,527
Lennox & Add'gton	475	20.8	9,880	10,957	2,043	16.9	34,527	37,669
Lincoln	7,634	24.3	185 506	197,378	487	16.1	7,841	8,264
Manitoulin	246	23.8	5,855	6,950	934	15.8	14,757	16,838
Middlesex	36,513	24.5	894,569	975,975	1,049	18.1	18,987	20,240
Muskoka	21	20.5	431	472	92	16.9	1,555	1,717
Nipissing	47	23.3	1,095	1,229	622	15.7	9,765	10,566
Norfolk	11,843	22.0	260,546	275,397	642	17.5	11,235	12,010
Northumberland	6,212	25.0	155,300	173,004	2,667	17.8	47,473	50,084
Ontario	4,913	26.9	132,160	145,772	2,847	17.2	48,968	53,326
Oxford	19,465	22.9	445,749	495,673	543	19.0	10,317	11,204
Parry Sound	22	20.5	451	485	411	16.0	6,576	6,911
Peel	6,602	27.8	183,536	203,908	3,724	15.7	58,467	61,390
Perth	19,745	27.3	539,039	585,935	1,087	20.8	22,610	23,786
Peterborough	7,001	23.5	164,524	178,673	1,403	15.6	21,887	22,784
Prescott	75	19.5	1,463	1,562	1,639	19.6	32,124	35,240
Prince Edward	1,154	21.3	24,580	27,038	1,193	13.5	16,106	17,072
Rainy River	147	16.9	2,484	2,916	921	13.5	12,434	14,610
Renfrew	369	24.0	8,856	9,618	14,985	16.5	247,253	268,517
Russell	79	22.5	1,778	1,938	1,405	19.3	27,117	29,774
Simcoe	37,751	27.7	1,045,703	1,174,324	1,679	15.2	25,521	28,175
Stormont	48	22.8	1,094	1,204	665	17.6	11,704	12,804
Sudbury	57	22.5	1,283	1,561	1,102	16.7	18,403	21,936
Thunder Bay	62	21.5	1,333	1,580	803	17.4	13,972	15,844
Timiskaming	41	19.9	816	932	1,784	17.2	30,685	34,244
Victoria	5,545	23.4	129,753	144,415	1,665	16.9	28,139	29,124
Waterloo	16,784	29.0	486,736	522,268	419	21.0	8,799	9,714
Welland	13,507	19.9	268,789	285,185	362	16.3	5,901	6,243
Wellington	7,682	28.9	222,010	244,211	2,683	20.9	56,075	59,159
Wentworth	8,385	22.3	186,986	206,059	782	14.0	10,948	11,627
York	14,252	30.2	430,410	475,603	5,259	20.0	105.180	110,334
The Province:								
1936	509,306	24.5	12,478,456	13,601,343	97,972	17.7	1,735,147	1,874,293
1935	555,073	22.7	12,600,690	8,946,898	98,807	18.8	1,857,135	1,356,077

OATS AND BARLEY

TABLE VIII.—Showing by County Municipalities of Ontario the area, produce and market value of Oats and Barley for the year 1936, together with the comparative totals for the Province for 1935.

Counties and Districts	Oats				Barley			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
				$				$
Algoma	12,649	17.8	225,152	128,787	1,747	16.7	29,175	20,393
Brant	29,188	23.0	671,324	316,194	6,102	25.3	154,381	111,309
Bruce	94,166	29.9	2,815,563	1,309,237	17,063	29.9	510,184	442,840
Carleton	68,211	37.9	2,585,197	1,227,969	11,409	34.6	394,751	326,854
Cochrane	5,817	22.0	127,974	79,472	976	19.6	19,130	13,582
Dufferin	43,321	20.5	888,081	452,921	16,044	21.7	348,155	279,917
Dundas	17,446	37.2	648,991	300,483	6,935	32.9	228,162	178,879
Durham	40,227	19.3	776,381	400,613	8,995	21.7	195,192	164,937
Elgin	45,764	30.5	1,395,802	647,652	5,023	28.6	143,658	102,572
Essex	64,503	50.3	3,244,501	1,443,803	8,473	37.8	320,279	262,949
Frontenac	34,368	24.2	831,706	398,387	4,336	21.7	94,091	72,074
Glengarry	42,238	35.7	1,507,897	664,983	6,228	31.1	193,691	149,723
Grenville	26,516	31.7	840,557	403,467	2,768	31.1	86,085	66,458
Grey	122,628	26.7	3,274,168	1,578,149	34,237	25.9	886,738	629,584
Haldimand	38,079	28.1	1,070,020	514,680	7,715	23.7	182,846	144,997
Haliburton	6,874	14.2	97,611	51,539	721	11.9	8,580	7,044
Halton	26,488	23.4	619,819	311,769	7,669	23.2	177,921	135,932
Hastings	72,145	20.9	1,507,831	761,455	14,017	19.2	269,126	199,691
Huron	105,331	25.3	2,664,874	1,263,150	28,657	28.7	822,456	700,733
Kenora	3,456	20.6	71,194	38,872	716	17.1	12,244	7,848
Kent	64,086	53.1	3,402,967	1,548,350	12,874	42.1	541,995	458,528
Lambton	82,801	31.8	2,633,072	1,176,983	13,344	34.3	457,699	411,471
Lanark	37,532	34.7	1,302,360	627,738	6,247	34.5	215,522	161,426
Leeds	40,378	30.8	1,243,642	635,501	4,262	27.3	116,353	85,403
Lennox & Add'gton	31,564	25.6	808,038	409,675	6,579	25.9	170,396	133,250
Lincoln	21,724	24.4	530,066	242,240	2,018	22.3	45,001	30,376
Manitoulin	7,457	22.6	168,528	96,567	1,878	20.4	38,311	27,890
Middlesex	97,236	29.4	2,858,738	1,277,856	16,044	31.5	505,386	444,740
Muskoka	10,971	25.1	275,372	146,773	546	23.0	12,558	9,054
Nipissing	17,161	31.4	538,855	265,656	2,305	27.7	63,849	39,906
Norfolk	32,253	23.5	757,946	356,993	2,633	25.3	66,615	50,428
Northumberland	56,189	24.2	1,359,774	675,808	8,664	23.9	207,070	162,343
Ontario	57,782	22.6	1,305,873	649,019	17,017	25.8	439,039	336,304
Oxford	55,332	32.2	1,781,690	837,394	8,886	34.4	305,678	225,285
Parry Sound	17,709	19.3	341,784	170,892	1,741	21.9	38,128	25,698
Peel	32,191	15.1	486,084	240,612	16,832	19.1	321,491	245,619
Perth	74,111	31.2	2,312,263	1,126,072	22,641	31.3	708,663	610,868
Peterborough	45,283	19.2	869,434	446,020	8,592	19.2	164,966	115,476
Prescott	53,105	34.9	1,853,365	941,509	8,146	33.7	274,520	214,126
Prince Edward	26,035	21.4	557,149	294,175	9,756	16.2	158,047	120,116
Rainy River	8,637	18.5	159,785	88,201	4,129	23.1	95,380	67,243
Renfrew	69,723	36.2	2,523,973	1,198,887	11,265	28.7	323,306	258,321
Russell	38,787	34.4	1,334,273	605,760	5,479	32.7	179,163	149,780
Simcoe	108,036	22.4	2,420,006	1,205,163	40,321	21.7	874,966	734,096
Stormont	29,482	35.1	1,034,818	484,295	4,126	31.5	129,969	104,365
Sudbury	15,004	28.1	421,612	223,876	2,626	22.1	58,035	34,125
Thunder Bay	5,732	33.6	192,595	93,794	1,326	26.5	35,139	21,716
Timiskaming	14,676	31.6	463,762	224,925	4,122	29.0	119,538	71,962
Victoria	48,238	16.7	805,575	428,566	17,687	19.3	341,359	274,111
Waterloo	46,278	29.4	1,360,573	670,762	7,621	29.9	227,868	178,649
Welland	25,111	19.3	484,642	222,935	1,748	17.3	30,240	18,023
Wellington	81,673	25.2	2,058,160	977,626	20,202	27.5	555,555	455,555
Wentworth	30,844	20.4	629,218	293,845	5,249	23.2	121,777	87,801
York	63,370	27.1	1,717,327	913,618	32,496	30.7	997,627	832,021
The Province:								
1936	2,345,906	28.5	66,857,962	32,091,668	519,233	27.0	14,018,054	11,214,391
1935	2,376,736	36.0	85,560,799	23,957,144	523,035	32.2	16,841,004	6,736,335

PEAS AND BEANS

TABLE IX.—Showing by County Municipalities of Ontario the area, produce and market value of Peas and Beans for the year 1936, together with the comparative totals for the Province for 1935.

Counties and Districts	Peas				Beans			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
				$				$
Algoma	611	12.4	7,576	12,122	23	11.7	269	506
Brant	927	11.7	10,846	16,703	227	12.0	2,724	5,448
Bruce	3,739	14.0	52,346	80,613	111	11.8	1,310	2,463
Carleton	889	16.1	14,313	22,615	78	16.4	1,279	2,532
Cochrane	250	12.3	3,075	4,920	6	12.7	76	141
Dufferin	934	15.4	14,384	22,583	27	12.3	332	618
Dundas	137	15.3	2,096	3,249	91	12.2	1,110	2,220
Durham	5,380	9.3	50,034	76,552	392	10.7	4,194	7,885
Elgin	530	12.0	6,360	10,049	9,049	11.7	105,873	214,922
Essex	1,024	16.2	16,589	25,879	438	16.0	7,008	13,806
Frontenac	62	14.3	887	1,437	88	14.7	1,294	2,549
Glengarry	154	15.6	2,402	3,795	97	15.0	1,455	2,735
Grenville	59	18.1	1,068	1,709	64	15.2	973	1,849
Grey	2,838	11.7	33,205	51,468	55	13.8	759	1,442
Haldimand	688	11.9	8,187	12,690	138	10.2	1,408	2,746
Haliburton	61	9.1	555	866	8	10.5	84	160
Halton	258	13.1	3,380	5,205	21	11.2	235	435
Hastings	1,402	11.8	16,544	25,643	151	10.7	1,616	3,167
Huron	2,158	13.9	29,996	45,894	8,283	13.3	110,164	230,243
Kenora	20	11.6	232	378	4	10.7	43	80
Kent	614	16.6	10,192	16,205	28,605	13.8	394,749	793,445
Lambton	625	12.1	7,563	11,874	1,633	14.0	22,862	46,638
Lanark	441	16.7	7,365	11,268	85	15.7	1,335	2,577
Leeds	83	18.8	1,560	2,449	77	14.7	1,132	2,264
Lennox & Add'gton	802	14.8	11,870	17,805	59	15.2	897	1,758
Lincoln	150	12.4	1,860	2,864	98	13.1	1,284	2,542
Manitoulin	736	11.7	8,611	13,605	24	12.4	298	566
Middlesex	900	13.6	12,240	19,584	3,747	12.0	44,964	90,827
Muskoka	280	14.4	4,032	6,371	13	11.9	155	307
Nipissing	556	17.9	9,952	16,421	22	13.7	301	575
Norfolk	702	12.9	9,056	13,946	252	12.0	3,024	5,897
Northumberland	3,582	11.4	40,835	61,253	263	13.9	3,656	7,129
Ontario	1,428	11.1	15,851	23,777	45	14.2	639	1,272
Oxford	932	13.4	12,489	18,734	107	11.8	1,263	2,438
Parry Sound	451	16.1	7,261	11,618	23	12.7	292	584
Peel	421	11.9	5,010	7,916	58	10.7	621	1,161
Perth	1,323	18.2	24,079	36,119	97	11.3	1,096	2,028
Peterborough	2,605	8.0	20,840	32,719	37	10.5	389	727
Prescott	385	16.7	6,430	9,967	163	17.7	2,885	5,770
Prince Edward	3,061	8.3	25,406	38,109	146	10.7	1,562	3,124
Rainy River	100	13.3	1,330	2,128	11	13.2	145	280
Renfrew	11,941	12.6	150,457	234,713	274	12.7	3,480	6,925
Russell	212	16.4	3,477	5,459	154	13.8	2,125	4,208
Simcoe	4,608	11.2	51,610	82,576	149	11.7	1,743	3,312
Stormont	47	16.9	794	1,239	72	13.5	972	1,944
Sudbury	621	12.5	7,763	12,498	17	13.7	233	454
Thunder Bay	195	17.2	3,354	5,199	9	14.7	132	260
Timiskaming	680	17.1	11,628	18,605	6	13.5	81	161
Victoria	2,399	8.3	19,912	29,868	18	10.9	196	378
Waterloo	474	13.4	6,352	9,909	79	12.8	1,011	1,931
Welland	77	10.9	839	1,334	449	11.0	4,939	9,384
Wellington	1,348	14.3	19,276	29,300	36	13.3	479	905
Wentworth	594	10.7	6,356	9,725	102	10.7	1,091	2,073
York	1,337	11.5	15,376	23,833	63	12.7	800	1,600
The Province:								
1936	66,831	12.2	815,101	1,263,360	56,344	13.2	743,037	1,501,391
1935	68,709	17.0	1,168,244	1,109,639	56,987	18.1	1,031,871	1,496,499

RYE AND BUCKWHEAT

TABLE X.—Showing by County Municipalities of Ontario the area, produce and market value of Rye and Buckwheat for the year 1936, together with the comparative totals for the Province for 1935.

Counties and Districts	Rye				Buckwheat			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
				$				$
Algoma	73	13.5	986	677	93	17.5	1,628	1,144
Brant	3,949	17.8	70,292	57,850	3,025	17.6	53,240	33,541
Bruce	219	16.8	3,679	3,131	5,438	21.1	114,742	80,319
Carleton	211	19.0	4,009	3,211	5,382	24.5	131,859	86,500
Cochrane	9	14.2	128	116	22	18.8	414	296
Dufferin	1,452	17.0	24,684	20,661	2,822	19.3	54,465	37,581
Dundas	85	18.5	1,573	1,296	2,747	24.8	68,126	44,078
Durham	4,652	14.1	65,593	54,508	7,522	18.1	136,148	90,266
Elgin	1,901	17.4	33,077	26,693	6,428	17.5	112,490	77,618
Essex	569	22.7	12,916	10,514	1,144	21.0	24,024	17,057
Frontenac	367	16.6	6,092	4,941	1,417	21.0	29,757	18,747
Glengarry	41	17.8	730	610	2,502	22.3	55,795	37,383
Grenville	87	17.7	1,540	1,300	4,931	25.5	125,741	86,384
Grey	205	17.3	3,547	3,089	4,829	15.5	74,850	50,150
Haldimand	349	16.6	5,793	4,930	1,186	17.3	20,518	12,721
Haliburton	37	14.8	548	466	424	17.7	7,505	5,156
Halton	138	16.0	2,208	2,034	901	16.0	14,416	10,235
Hastings	1,882	18.2	34,252	28,121	5,731	24.3	139,263	101,244
Huron	209	16.5	3,449	3,211	8,794	20.6	181,156	126,809
Kenora	6	15.0	90	83	18	16.0	288	208
Kent	1,461	21.7	31,704	25,870	3,417	17.8	60,823	40,751
Lambton	399	17.9	7,142	5,721	1,783	18.3	32,629	22,840
Lanark	181	15.6	2,824	2,307	4,211	25.7	108,223	73,051
Leeds	122	17.1	2,086	1,765	4,292	24.8	106,442	75,254
Lennox & Add'gton	327	17.2	5,624	4,690	3,022	23.6	71,319	50,280
Lincoln	98	17.4	1,705	1,451	349	15.2	5,305	3,501
Manitoulin	42	17.6	739	675	206	12.6	2,596	1,804
Middlesex	602	18.2	10,956	8,995	6,742	18.2	122,704	85,893
Muskoka	19	17.1	325	277	191	17.5	3,343	2,340
Nipissing	103	17.3	1,782	1,602	188	20.0	3,760	2,681
Norfolk	8,474	17.4	147,448	125,478	4,992	15.6	77,875	53,734
Northumberland	5,235	17.3	90,566	76,981	11,573	22.0	254,606	178,988
Ontario	2,883	16.3	46,993	40,931	11,061	20.0	221,220	155,296
Oxford	1,606	18.1	29,069	23,866	5,548	19.0	105,412	69,572
Parry Sound	43	15.5	667	574	144	18.0	2,592	1,892
Peel	721	16.8	12,113	11,217	1,647	14.8	24,376	16,576
Perth	106	18.0	1,908	1,595	4,718	23.2	109,458	76,621
Peterborough	509	16.3	8,297	6,936	5,740	20.0	114,800	79,671
Prescott	111	18.4	2,043	1,739	1,768	24.8	43,846	29,684
Prince Edward	2,621	14.9	39,053	35,187	4,361	23.5	102,484	72,251
Rainy River	73	17.5	1,278	1,190	42	12.5	525	369
Renfrew	3,975	15.4	61,215	49,033	4,708	22.3	104,988	67,822
Russell	51	15.7	801	670	2,117	24.2	51,231	34,325
Simcoe	3,434	14.9	51,167	42,417	15,544	13.6	211,398	145,019
Stormont	27	16.2	437	370	2,487	25.5	63,419	43,823
Sudbury	186	17.0	3,162	2,928	425	15.3	6,503	4,682
Thunder Bay	84	18.1	1,520	1,389	22	21.1	464	334
Timiskaming	14	17.2	241	228	134	17.0	2,278	1,613
Victoria	226	16.7	3,774	3,476	10,009	18.1	181,163	130,981
Waterloo	739	17.7	13,080	11,523	1,425	23.0	32,775	23,467
Welland	347	17.8	6,177	5,380	1,422	14.0	19,908	13,936
Wellington	229	16.9	3,870	3,286	7,996	21.4	171,114	122,860
Wentworth	702	16.6	11,653	9,159	1,749	16.7	29,208	20,446
York	1,021	17.0	17,357	14,771	7,582	21.7	164,529	111,880
The Province:								
1936	53,212	16.8	893,962	751,119	196,971	20.1	3,959,741	2,732,034
1935	59,340	17.6	1,044,363	417,797	186,427	20.9	3,896,451	1,558,406

FLAX AND MIXED GRAINS

TABLE XI.—Showing by County Municipalities of Ontario the area, produce and market value of Flax and Mixed Grains for the year 1936, together with the comparative totals for the Province for 1935.

Counties and Districts	Flax				Mixed Grains			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
				$				$
Algoma	21	5.5	116	172	2,741	20.2	55,368	34,494
Brant	31	5.7	176	257	18,752	24.8	465,050	233,455
Bruce	596	7.5	4,470	6,616	33,452	32.8	1,097,226	596,891
Carleton	44	6.0	264	378	16,445	40.7	669,312	356,074
Cochrane	6	5.0	30	45	555	21.7	12,044	7,889
Dufferin	41	5.5	226	334	31,538	23.0	725,374	382,997
Dundas	21	6.5	137	200	20,955	40.6	850,773	417,730
Durham	65	4.4	286	409	31,943	22.3	712,329	361,151
Elgin	29	5.8	168	242	16,996	31.1	528,576	253,716
Essex	37	6.7	248	365	4,448	43.9	195,267	94,314
Frontenac	9	5.0	45	65	5,131	30.6	157,009	78,504
Glengarry	21	7.5	158	228	3,302	30.5	100,711	54,384
Grenville	33	7.0	231	340	6,189	33.5	207,332	105,532
Grey	203	6.8	1,380	2,070	50,321	27.5	1,383,828	747,267
Haldimand	91	5.5	501	736	14,991	27.3	409,254	220,588
Haliburton	.....	.....	.....	.....	503	14.1	7,092	3,794
Halton	6	5.5	33	46	14,379	24.3	349,410	211,742
Hastings	41	4.5	185	270	13,566	20.6	279,460	149,511
Huron	1,330	6.5	8,645	12,881	56,823	28.1	1,596,726	836,684
Kenora	3	4.3	13	20	162	21.9	3,548	2,115
Kent	39	6.2	242	361	12,026	47.9	576,045	307,032
Lambton	511	6.8	3,475	5,213	22,648	33.2	751,914	390,995
Lanark	31	6.0	186	272	10,533	33.8	356,015	192,604
Leeds	32	6.5	208	295	7,955	31.2	248,196	135,267
Lennox & Add'gton	33	6.5	215	318	11,109	26.4	293,278	161,889
Lincoln	11	6.6	73	108	4,576	24.2	110,739	59,135
Manitoulin	18	4.5	81	119	3,409	19.9	67,839	40,636
Middlesex	116	6.2	719	1,078	32,282	33.4	1,078,219	542,344
Muskoka	.....	.....	.....	.....	787	27.7	21,800	12,600
Nipissing	25	6.7	168	242	1,489	24.5	36,481	21,232
Norfolk	24	5.7	137	203	7,374	24.3	179,188	86,369
Northumberland	121	5.5	666	979	22,314	27.5	613,635	328,295
Ontario	94	4.5	423	605	41,562	25.5	1,059,831	576,548
Oxford	77	5.5	424	606	56,731	35.5	2,013,951	1,013,017
Parry Sound	18	4.5	81	114	1,593	23.0	36,639	20,518
Peel	33	5.5	182	257	22,626	21.0	475,146	315,972
Perth	152	7.5	1,140	1,642	53,534	33.9	1,814,803	965,475
Peterborough	16	4.3	69	97	7,786	21.8	169,735	101,841
Prescott	44	6.8	299	425	2,932	35.5	104,086	59,537
Prince Edward	5	5.2	26	36	8,801	22.3	196,262	104,804
Rainy River	278	7.5	2,085	3,086	239	20.0	4,780	2,892
Renfrew	102	7.0	714	1,007	5,077	32.7	166,018	85,831
Russell	92	7.5	690	994	5,815	32.5	188,988	102,620
Simcoe	309	6.5	2,009	2,993	39,237	24.3	953,459	512,007
Stormont	21	7.5	158	229	5,968	36.0	214,848	115,159
Sudbury	21	6.0	126	189	1,109	28.5	31,607	18,490
Thunder Bay	.....	.....	.....	.....	938	32.2	30,204	16,944
Timiskaming	24	5.7	137	206	1,711	28.7	49,106	26,566
Victoria	54	5.0	270	373	21,961	20.2	443,612	273,265
Waterloo	103	6.2	639	946	40,452	31.7	1,282,328	698,869
Welland	11	4.8	53	74	3,865	21.0	81,165	38,310
Wellington	212	5.8	1,230	1,808	82,137	28.5	2,340,905	1,175,134
Wentworth	12	5.6	67	95	21,165	24.0	507,960	259,568
York	22	5.4	119	175	48,146	31.7	1,526,228	839,425
The Province:								
1936	5,289	6.5	34,423	50,819	953,079	29.2	27,830,699	14,750,022
1935	7,436	10.2	75,277	98,277	926,557	36.5	33,821,188	11,499,206

CORN

TABLE XII.—Showing by County Municipalities of Ontario the area, produce and market value of Corn for husking and for fodder for the year 1936, together with the comparative totals for the Province for 1935.

Counties and Districts	Corn for Husking				Corn for Silo			
	Acres	Per acre	Bushels (shelled)	Market value	Acres	Per acre	Tons (green)	Market value
				$				$
Algoma	94	20.9	1,965	1,281	138	7.00	966	3,381
Brant	2,491	33.2	82,701	54,748	8,457	6.60	55,816	178,611
Bruce	162	31.1	5,038	3,239	4,428	9.00	39,852	117,962
Carleton	463	34.7	16,066	11,760	13,182	9.27	122,197	384,921
Cochrane	3	20.9	63	39	6	7.40	44	152
Dufferin	21	30.6	643	439	513	7.86	4,032	11,814
Dundas	348	37.9	13,189	9,430	10,193	8.00	81,544	253,602
Durham	455	28.0	12,740	9,186	5,324	8.00	42,592	152,479
Elgin	10,050	38.0	381,900	248,617	14,847	6.56	97,396	312,641
Essex	55,373	37.0	2,048,801	1,319,428	6,921	8.80	60,905	195,505
Frontenac	653	40.9	26,708	18,802	4,381	8.40	36,800	110,400
Glengarry	163	37.6	6,129	4,615	4,896	8.60	42,106	129,686
Grenville	484	38.4	18,586	14,163	5,637	9.60	54,115	164,510
Grey	194	27.2	5,277	3,456	5,322	6.67	35,498	103,299
Haldimand	987	33.4	32,966	23,109	3,166	7.00	22,162	70,032
Haliburton	67	20.9	1,400	920	216	5.00	1,080	3,845
Halton	97	31.3	3,036	2,016	3,607	5.91	21,317	63,311
Hastings	1,522	28.9	43,986	31,450	5,723	6.53	37,371	134,162
Huron	1,038	33.4	34,669	23,977	6,445	9.21	59,358	178,074
Kenora	4	20.9	84	56	6	7.00	42	146
Kent	49,025	39.4	1,931,585	1,400,399	14,245	8.91	126,923	408,692
Lambton	10,271	40.5	415,976	283,696	15,344	8.42	129,196	414,719
Lanark	722	33.9	24,476	16,937	7,068	9.37	66,227	203,979
Leeds	1,169	32.9	38,460	27,999	10,298	9.43	97,110	301,041
Lennox & Add'gton	652	40.9	26,667	18,987	2,963	6.35	18,815	57,573
Lincoln	1,872	32.2	60,278	43,521	4,121	8.16	33,627	106,934
Manitoulin	25	22.4	560	388	349	9.40	3,281	11,516
Middlesex	5,007	32.6	163,228	111,321	22,489	7.13	160,347	516,317
Muskoka	35	21.4	749	543	377	6.20	2,337	8,273
Nipissing	21	25.2	529	384	106	8.70	922	3,209
Norfolk	7,722	35.9	277,220	174,926	7,426	6.56	48,715	156,375
Northumberland	1,456	26.8	39,021	26,222	6,705	8.25	55,316	200,244
Ontario	579	31.1	18,007	12,461	8,114	6.96	56,473	203,303
Oxford	2,176	32.8	71,373	47,963	22,740	8.44	191,926	612,244
Parry Sound	49	21.9	1,073	690	152	6.12	930	3,376
Peel	204	28.7	5,855	3,788	3,831	6.67	25,553	74,870
Perth	265	34.2	9,063	6,553	9,054	9.20	83,297	247,392
Peterborough	89	23.2	2,065	1,408	3,776	7.07	26,696	94,771
Prescott	718	42.4	30,443	22,132	4,831	9.42	45,508	136,524
Prince Edward	1,429	32.9	47,014	33,333	2,706	7.15	19,348	69,266
Rainy River	28	22.4	627	421	82	7.00	574	1,980
Renfrew	214	36.1	7,725	5,191	3,039	8.98	27,290	84,599
Russell	249	32.2	8,018	5,917	4,673	9.90	46,263	142,027
Simcoe	378	26.4	9,979	7,035	6,141	7.46	45,812	133,771
Stormont	463	35.9	16,622	12,383	5,281	9.28	49,008	150,455
Sudbury	22	20.9	460	314	54	7.80	421	1,461
Thunder Bay	9	24.9	224	151	6	7.80	47	164
Timiskaming	4	24.9	100	64	13	7.40	96	335
Victoria	79	22.5	1,778	1,312	4,651	6.12	28,464	101,616
Waterloo	187	29.3	5,479	3,709	8,271	8.70	71,958	212,276
Welland	3,488	28.1	98,013	60,964	5,185	6.40	33,184	105,193
Wellington	151	28.1	4,243	2,974	5,305	9.20	48,806	143,002
Wentworth	846	30.9	26,141	18,351	6,895	7.38	50,885	162,832
York	126	31.3	3,944	2,997	7,235	8.33	60,268	219,376
The Province:								
1936	164,399	37.0	6,082,942	4,136,165	306,934	8.05	2,470,816	7,858,238
1935	167,710	46.0	7,764,981	3,494,268	324,799	9.34	3,033,659	9,100,977

POTATOES AND TURNIPS

TABLE XIII.—Showing by County Municipalities of Ontario the area, produce and market value of Potatoes and Turnips for the year 1936, together with the comparative totals for the Province for 1935.

Counties and Districts	Potatoes				Turnips			
	Acres	Per acre	Hundred weight	Market value	Acres	Per acre	Bushels	Market value
				$				$
Algoma	1,166	80.0	93,280	113,802	396	308	121,968	17,076
Brant	2,669	67.0	178,823	230,682	1,327	285	378,195	52,947
Bruce	3,532	65.0	229,580	259,425	2,579	402	1,036,758	145,146
Carleton	4,809	68.0	327,012	408,765	1,012	382	386,584	54,122
Cochrane	845	39.3	33,209	56,123	67	228	15,276	2,139
Dufferin	5,203	65.6	341,317	375,449	1,422	346	492,012	68,882
Dundas	1,407	51.6	72,601	95,833	135	380	51,300	7,182
Durham	3,225	48.7	157,058	210,458	1,964	387	760,068	106,410
Elgin	2,554	72.0	183,888	285,026	158	267	42,186	5,906
Essex	3,509	82.0	287,738	543,825	84	274	23,016	3,222
Frontenac	2,333	65.0	151,645	207,754	218	425	92,650	12,971
Glengarry	1,642	57.9	95,072	134,052	177	390	69,030	9,664
Grenville	1,949	63.6	123,956	158,664	141	332	46,812	6,554
Grey	4,873	49.0	238,777	274,594	2,938	396	1,163,448	162,883
Haldimand	893	61.0	54,473	75,717	47	250	11,750	1,645
Haliburton	426	50.0	21,300	30,885	81	300	24,300	3,402
Halton	1,442	54.6	78,733	96,054	892	342	305,064	42,709
Hastings	3,964	50.8	201,371	298,029	705	373	262,965	36,815
Huron	3,128	56.4	176,419	220,524	2,606	389	1,013,734	141,923
Kenora	348	45.0	15,660	28,031	18	210	3,780	529
Kent	4,075	68.0	277,100	498,780	61	337	20,557	2,878
Lambton	3,047	67.0	204,149	293,975	225	275	61,875	8,663
Lanark	1,998	63.0	125,874	157,343	407	324	131,868	18,462
Leeds	2,322	62.5	145,125	197,370	348	402	139,896	19,585
Lennox & Add'gton	2,167	60.1	130,237	166,703	92	318	29,256	4,096
Lincoln	917	43.0	39,431	59,147	52	189	9,828	1,376
Manitoulin	522	67.1	35,026	39,229	115	386	44,390	6,215
Middlesex	5,677	60.0	340,620	480,274	1,124	288	323,712	45,320
Muskoka	935	47.6	44,506	65,424	296	337	99,752	13,965
Nipissing	1,531	75.4	115,437	140,833	352	313	110,176	15,425
Norfolk	2,722	62.0	168,764	246,395	223	290	64,670	9,054
Northumberland	3,654	58.7	214,490	317,445	2,039	425	866,575	121,321
Ontario	5,671	53.6	303,966	379,958	4,532	412	1,867,184	261,406
Oxford	2,128	63.0	134,064	182,327	3,957	388	1,535,316	214,944
Parry Sound	1,199	57.4	68,823	94,288	382	251	95,882	13,423
Peel	2,467	67.2	165,782	185,676	643	330	212,190	29,707
Perth	2,667	48.8	130,150	171,798	2,485	385	956,725	133,942
Peterborough	2,064	45.2	93,293	135,275	1,236	416	514,176	71,985
Prescott	1,857	72.2	134,075	170,275	186	278	51,708	7,239
Prince Edward	1,225	43.9	53,778	76,365	117	231	27,027	3,783
Rainy River	684	36.5	24,966	45,438	116	267	30,972	4,336
Renfrew	3,857	70.0	269,990	337,488	316	361	114,076	15,971
Russell	1,941	55.3	107,337	134,171	588	339	199,332	27,906
Simcoe	10,898	60.5	659,329	817,568	5,006	374	1,872,244	262,114
Stormont	1,326	52.3	69,350	95,703	58	295	17,110	2,395
Sudbury	2,183	68.0	148,444	178,133	324	315	102,060	14,288
Thunder Bay	2,187	69.2	151,340	208,849	466	312	145,392	20,355
Timiskaming	963	49.4	47,572	73,261	241	242	58,322	8,165
Victoria	1,602	42.5	68,085	86,468	2,279	355	809,045	113,266
Waterloo	2,754	61.5	169,371	196,470	3,157	397	1,253,329	175,466
Welland	1,772	39.0	69,108	111,264	39	165	6,435	900
Wellington	5,955	52.1	310,256	381,615	6,639	363	2,409,957	337,394
Wentworth	4,221	64.0	270,144	372,799	1,155	218	251,790	35,250
York	5,941	58.6	348,143	543,103	5,679	439	2,493,081	349,031
The Province:								
1936	145,046	60.0	8,700,037	11,744,902	61,902	375	23,226,804	3,251,753
1935	149,245	52.8	7,877,771	7,878,163	62,248	350	21,786,804	2,614,416

MANGELS AND SUGAR BEETS

TABLE XIV.—Showing by County Municipalities of Ontario the area, produce and market value of Mangels and Sugar Beets for the year 1936, together with the comparative totals for the Province for 1935.

Counties and Districts	Mangels				Sugar Beets			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Tons	Market value
				$				$
Algoma	31	315	9,765	1,367	21	6.68	140	745
Brant	1,038	350	363,300	50,862	19	9.60	182	968
Bruce	1,385	410	567,850	79,499	45	10.11	455	2,421
Carleton	357	410	146,370	20,491	124	8.92	1,106	5,884
Cochrane	14	216	3,024	423	7	6.64	46	245
Dufferin	259	365	94,535	13,235	41	10.13	415	2,208
Dundas	86	401	34,486	4,828	94	8.68	816	4,341
Durham	873	395	344,835	48,277	14	9.70	136	724
Elgin	392	318	124,656	17,451	334	10.64	3,554	18,907
Essex	753	362	272,586	38,162	6,417	10.86	69,689	370,745
Frontenac	56	418	23,408	3,277	62	8.68	538	2,862
Glengarry	64	380	24,320	3,405	35	8.79	308	1,639
Grenville	64	366	23,424	3,279	51	8.34	425	2,261
Grey	1,594	411	655,134	91,719	125	10.68	1,335	7,102
Haldimand	176	279	49,104	6,875	39	9.45	369	1,963
Haliburton	17	290	4,930	690	4	8.68	35	186
Halton	669	360	240,840	33,718	24	10.34	248	1,319
Hastings	228	395	90,060	12,608	121	9.68	1,171	6,230
Huron	2,437	421	1,025,977	143,636	469	12.45	5,839	31,063
Kenora	5	214	1,070	150	4	5.92	24	128
Kent	369	356	131,364	18,391	22,133	10.20	225,757	1,201,027
Lambton	484	318	153,912	21,548	4,472	10.96	49,013	260,749
Lanark	131	290	37,990	5,319	55	7.91	435	2,314
Leeds	112	395	44,240	6,194	67	9.68	649	3,453
Lennox & Add'gton	77	335	25,795	3,611	31	8.23	255	1,357
Lincoln	151	293	44,243	6,194	107	10.90	1,166	6,203
Manitoulin	33	322	10,626	1,488	9	5.68	51	271
Middlesex	1,148	377	432,796	60,591	1,573	10.46	16,454	87,535
Muskoka	28	337	9,436	1,321	9	9.68	87	463
Nipissing	45	332	14,940	2,092	25	7.68	192	1,021
Norfolk	287	368	105,616	14,786	98	10.68	1,047	5,570
Northumberland	643	408	262,344	36,728	48	9.45	454	2,415
Ontario	1,834	426	781,284	109,380	33	9.34	308	1,639
Oxford	2,069	439	908,291	127,160	82	9.64	790	4,203
Parry Sound	38	255	9,690	1,357	15	8.68	130	692
Peel	455	395	179,725	25,162	21	10.72	225	1,197
Perth	2,418	431	1,042,158	145,902	17	10.58	180	958
Peterborough	398	425	169,150	23,681	23	8.01	184	979
Prescott	85	265	22,525	3,154	43	7.68	330	1,756
Prince Edward	93	254	23,622	3,307	32	8.68	278	1,479
Rainy River	48	294	14,112	1,976	13	6.68	87	463
Renfrew	222	372	82,584	11,562	61	7.68	468	2,490
Russell	74	355	26,270	3,678	34	7.57	257	1,367
Simcoe	1,423	395	562,085	78,692	156	11.15	1,739	9,251
Stormont	61	312	19,032	2,664	49	7.68	376	2,000
Sudbury	31	329	10,199	1,428	23	6.68	154	819
Thunder Bay	32	324	10,368	1,452	3	6.18	19	101
Timiskaming	32	249	7,968	1,116	15	6.68	100	532
Victoria	534	366	195,444	27,362	18	8.34	150	798
Waterloo	2,423	434	1,051,582	147,221	11	9.68	106	564
Welland	111	268	29,748	4,165	72	9.25	666	3,543
Wellington	2,139	419	896,241	125,474	34	10.37	353	1,878
Wentworth	1,178	311	366,358	51,290	57	10.68	609	3,240
York	2,704	429	1,160,016	162,402	75	10.23	767	4,080
The Province:								
1936	32,408	399	12,941,428	1,811,800	37,564	10.40	390,667	2,078,348
1935	33,829	378	12,787,436	1,534,492	39,892	8.50	339,086	1,800,547

ALSIKE AND SWEET CLOVER

TABLE XV.—Showing by County Municipalities of Ontario the area, produce and market value of Alsike and Sweet Clover for the year 1936, together with the comparative totals for the Province for 1935.

Counties and Districts	Alsike				Sweet Clover			
	Acres	Per acre	Tons	Market value	Acres	Per acre	Tons	Market value
				$				$
Algoma	264	1.49	393	2,814	297	1.65	490	2,528
Brant	342	.95	325	2,113	5,307	1.75	9,287	43,928
Bruce	2,209	1.20	2,651	18,239	11,754	1.95	22,920	114,600
Carleton	1,246	1.43	1,782	12,670	2,943	1.84	5,415	25,721
Cochrane	372	.80	298	2,110	123	1.63	200	1,040
Dufferin	1,793	1.00	1,793	12,372	9,285	1.68	15,599	76,123
Dundas	1,074	1.50	1,611	10,778	2,385	2.00	4,770	23,278
Durham	1,199	1.25	1,499	10,493	9,377	1.63	15,285	76,425
Elgin	1,154	1.43	1,650	11,138	9,139	2.09	19,096	95,480
Essex	1,929	1.45	2,797	19,579	11,756	2.15	25,275	120,056
Frontenac	1,081	1.36	1,470	10,217	2,418	1.50	3,627	18,026
Glengarry	784	1.43	1,121	7,174	1,404	1.75	2,457	12,678
Grenville	472	1.25	590	4,130	3,041	2.10	6,386	34,165
Grey	2,763	1.30	3,592	24,964	11,156	1.75	19,523	96,639
Haldimand	8,074	1.00	8,074	53,692	4,316	1.80	7,769	35,970
Haliburton	73	1.00	73	486	452	1.20	542	2,477
Halton	1,568	1.06	1,662	11,351	2,017	1.69	3,409	17,045
Hastings	2,859	1.32	3,774	27,135	9,014	1.75	15,775	81,241
Huron	1,927	1.60	3,083	21,427	18,366	2.10	38,569	192,074
Kenora	942	.95	895	6,444	83	1.55	129	666
Kent	1,996	1.30	2,595	17,205	6,411	1.85	11,860	61,079
Lambton	2,777	1.40	3,888	27,216	11,694	2.12	24,791	122,715
Lanark	1,408	1.35	1,901	13,649	4,923	1.69	8,320	41,350
Leeds	1,004	1.30	1,305	9,396	3,391	1.82	6,172	30,860
Lennox & Add'gton	1,047	1.35	1,413	9,750	5,889	2.15	12,661	61,659
Lincoln	817	1.07	874	6,249	1,892	2.00	3,784	19,866
Manitoulin	284	1.39	395	2,710	1,127	1.93	2,175	10,875
Middlesex	2,118	1.75	3,707	26,320	14,294	2.48	35,449	179,017
Muskoka	267	1.25	334	2,258	235	1.30	306	1,530
Nipissing	345	1.50	518	3,626	228	2.00	456	2,440
Norfolk	1,279	1.20	1,535	11,252	4,961	1.92	9,525	47,625
Northumberland	1,152	1.35	1,555	10,885	12,261	1.97	24,154	117,872
Ontario	1,735	1.00	1,735	11,278	10,307	1.92	19,789	97,956
Oxford	625	1.25	781	5,077	9,324	1.50	13,986	69,930
Parry Sound	466	1.10	513	3,647	322	1.50	483	2,468
Peel	3,149	1.15	3,621	25,818	4,911	1.83	8,987	42,688
Perth	1,044	1.48	1,545	11,170	12,323	2.01	24,769	120,130
Peterborough	885	1.52	1,345	9,576	6,779	1.86	12,609	59,893
Prescott	1,224	1.60	1,958	12,512	1,176	1.93	2,270	10,601
Prince Edward	797	1.18	940	6,627	6,985	1.36	9,500	48,640
Rainy River	625	1.15	719	5,213	373	1.65	615	3,192
Renfrew	1,266	1.56	1,975	13,825	4,859	2.00	9,718	47,521
Russell	388	1.54	598	3,887	1,479	2.00	2,958	14,790
Simcoe	7,794	1.50	11,691	83,598	17,319	2.33	40,353	204,993
Stormont	505	1.55	783	5,301	1,392	2.00	2,784	14,226
Sudbury	315	1.10	347	2,488	541	1.71	925	4,903
Thunder Bay	418	1.25	523	3,677	499	1.65	823	4,115
Timiskaming	1,515	1.38	2,091	14,449	248	1.90	471	2,393
Victoria	3,244	1.00	3,244	21,086	8,429	1.40	11,801	56,055
Waterloo	303	1.58	479	3,353	8,874	2.13	18,902	100,748
Welland	402	.42	169	1,158	2,047	1.50	3,071	15,355
Wellington	1,075	1.56	1,677	11,320	17,335	2.02	35,017	173,334
Wentworth	462	1.29	596	4,172	3,327	1.83	6,088	31,110
York	3,714	1.56	6,794	42,586	8,619	1.95	16,807	85,884
The Province:								
1936	78,570	1.30	102,277	711,660	309,407	1.94	598,902	2,977,973
1935	59,071	1.54	90,969	559,749	289,956	2.39	693,022	2,966,209

ALFALFA AND HAY AND CLOVER

TABLE XVI.—Showing by County Municipalities of Ontario the area, produce and market value of Alfalfa, Hay and Clover for the year 1936, together with the comparative totals for the Province for 1935.

Counties and Districts	Alfalfa				Hay and Clover			
	Acres	Per acre	Tons	Market value	Acres	Per acre	Tons	Market value
				$				$
Algoma	307	2.40	737	6,854	26,648	1.20	31,978	280,767
Brant	14,697	2.12	31,158	283,538	17,940	1.60	28,704	275,578
Bruce	32,905	2.20	72,391	542,933	94,768	1.50	142,152	1,121,579
Carleton	7,896	2.42	19,108	152,864	88,121	1.84	162,143	1,220,937
Cochrane	62	1.45	90	936	10,615	1.00	10,615	104,558
Dufferin	8,254	1.92	15,848	123,773	50,367	1.30	65,477	547,388
Dundas	6,215	2.54	15,786	132,602	46,493	1.87	86,942	681,625
Durham	6,582	2.25	14,810	139,214	40,454	1.42	57,445	572,152
Elgin	18,698	2.45	45,810	418,245	48,731	1.50	73,097	701,731
Essex	21,224	2.30	48,815	445,681	18,324	1.64	30,051	288,490
Frontenac	6,799	1.92	13,054	118,791	67,518	1.30	87,773	754,848
Glengarry	2,857	2.10	6,000	47,100	56,359	1.60	90,174	660,975
Grenville	3,638	2.23	8,113	75,045	49,918	1.63	81,366	708,698
Grey	48,778	2.14	104,385	824,642	118,679	1.40	166,151	1,400,653
Haldimand	33,587	1.87	62,808	602,957	31,045	1.28	39,738	391,419
Haliburton	105	1.62	170	1,887	10,725	1.50	16,088	170,533
Halton	18,979	2.03	38,527	360,227	21,532	1.38	29,714	262,969
Hastings	17,487	2.17	37,947	373,778	78,059	1.61	125,675	1,234,129
Huron	31,342	2.51	78,668	543,596	93,547	1.60	149,675	1,326,121
Kenora	77	1.38	106	1,219	4,932	.83	4,094	45,443
Kent	27,578	2.67	73,633	572,865	28,942	1.60	46,307	405,186
Lambton	34,677	2.69	93,281	792,889	44,382	1.69	75,006	660,053
Lanark	9,979	2.32	23,151	208,359	66,553	1.77	117,799	990,690
Leeds	6,241	2.18	13,605	132,649	69,674	1.56	108,691	1,013,000
Lennox & Add'gton	10,994	2.08	22,868	213,816	58,154	1.58	91,883	808,570
Lincoln	17,622	2.10	37,006	374,871	21,853	1.10	24,038	239,899
Manitoulin	2,342	2.12	4,965	43,196	19,255	1.57	30,230	250,002
Middlesex	30,231	2.79	84,344	759,096	74,805	1.70	127,169	1,252,615
Muskoka	128	1.55	198	2,178	25,416	1.50	38,124	404,114
Nipissing	78	2.25	176	1,637	28,073	1.38	38,741	342,470
Norfolk	16,529	2.15	35,537	321,610	30,667	1.40	42,934	408,732
Northumberland	8,547	2.39	20,427	206,313	44,076	1.76	77,574	744,710
Ontario	13,434	2.33	31,301	294,229	49,086	1.64	80,501	792,935
Oxford	21,243	2.40	50,983	453,749	54,618	1.80	98,312	919,217
Parry Sound	127	2.02	257	2,956	30,965	1.25	38,706	429,637
Peel	25,862	2.08	53,793	500,275	27,821	1.56	43,401	390,175
Perth	11,831	2.41	28,513	228,389	80,395	1.75	140,691	1,105,831
Peterborough	6,058	1.94	11,753	128,108	36,542	1.71	62,487	646,740
Prescott	1,006	2.31	2,324	19,754	63,407	1.66	105,256	744,160
Prince Edward	6,324	1.95	12,332	124,677	25,044	1.35	33,809	324,566
Rainy River	1,967	2.30	4,524	47,050	21,245	1.19	25,282	251,050
Renfrew	10,633	2.47	26,264	196,980	88,984	1.80	160,171	1,297,385
Russell	1,116	2.53	2,823	21,596	47,411	1.77	83,917	589,937
Simcoe	21,443	2.55	54,680	488,292	87,408	1.64	143,349	1,274,373
Stormont	1,933	2.10	4,059	31,254	44,776	1.70	76,119	542,728
Sudbury	144	2.12	305	3,157	27,087	1.25	33,859	332,834
Thunder Bay	529	2.13	1,127	11,270	22,625	1.41	31,901	298,274
Timiskaming	264	1.88	496	5,039	28,227	1.34	37,824	360,841
Victoria	7,357	1.83	13,463	116,186	48,207	1.25	60,259	530,279
Waterloo	11,608	2.67	30,993	272,738	38,569	1.82	70,196	650,717
Welland	8,885	1.67	14,838	148,083	33,551	.98	32,880	324,854
Wellington	22,354	2.14	47,838	358,785	94,748	1.70	161,072	1,341,730
Wentworth	15,014	1.87	28,076	280,760	27,661	1.42	39,279	392,004
York	31,807	2.35	74,746	717,562	45,327	1.75	79,322	801,152
The Province:								
1936	666,374	2.28	1,519,010	13,276,250	2,510,329	1.57	3,936,141	34,612,053
1935	588,911	2.58	1,519,349	11,499,393	2,529,452	1.82	4,603,677	32,593,451

CARROTS—ALL FIELD CROPS

TABLE XVII.—Showing by County Municipalities of Ontario the area, produce and market value of Carrots and all Field Crops enumerated in Tables VII to XVII for the year 1936, together with the comparative totals for the Province of 1935.

Counties and Districts	Carrots				All Field Crops		
	Acres	Per acre	Bushels	Market value	Acres	Value	Per acre
				$		$	$ c.
Algoma	27	145	3,915	548	48,700	650,421	13.36
Brant	9	128	1,152	161	127,743	2,212,280	17.32
Bruce	44	155	6,820	955	328,633	5,492,370	16.71
Carleton	105	232	24,360	3,410	227,850	4,433,034	19.46
Cochrane	13	131	1,703	238	20,218	284,052	14.05
Dufferin	3	203	609	85	177,653	2,541,575	14.31
Dundas	11	147	1,617	226	118,671	2,214,925	18.66
Durham	25	196	4,900	686	178,617	2,728,857	15.28
Elgin	24	194	4,656	652	209,501	3,838,362	18.32
Essex	129	193	24,897	3,486	254,829	6,390,667	25.08
Frontenac	35	161	5,635	789	133,364	1,872,111	14.04
Glengarry	25	196	4,900	686	125,542	1,970,757	15.70
Grenville	21	170	3,570	500	106,779	1,854,530	17.37
Grey	33	137	4,521	633	429,529	6,577,260	15.31
Haldimand	8	136	1,088	152	161,765	2,550,995	15.77
Haliburton	7	118	826	116	20,888	286,284	13.71
Halton	26	143	3,718	521	108,664	1,769,645	16.29
Hastings	58	179	10,382	1,453	231,597	3,565,984	15.40
Huron	14	143	2,002	280	399,644	6,785,234	16.98
Kenora	4	104	416	58	11,081	136,397	12.31
Kent	97	224	21,728	3,042	352,940	9,532,464	27.01
Lambton	61	175	10,675	1,495	298,939	6,247,031	20.90
Lanark	39	186	7,254	1,016	156,107	2,804,140	17.96
Leeds	18	169	3,042	426	153,558	2,717,736	17.70
Lennox and Addington	38	184	6,992	979	138,117	2,175,392	15.75
Lincoln	32	152	4,864	681	86,581	1,412,800	16.32
Manitoulin	3	112	336	47	39,014	571,587	14.65
Middlesex	41	171	7,011	982	353,738	6,986,920	19.75
Muskoka	32	107	3,424	479	40,678	680,459	16.73
Nipissing	22	102	2,244	314	53,344	873,561	16.38
Norfolk	59	136	8,024	1,123	141,162	2,377,903	16.85
Northumberland	37	128	4,736	663	197,438	3,499,682	17.73
Ontario	51	168	8,568	1,200	235,008	4,148,595	17.65
Oxford	11	127	1,397	196	268,200	5,334,799	19.89
Parry Sound	22	109	2,398	336	55,892	792,156	14.17
Peel	87	141	12,267	1,717	154,306	2,385,701	15.46
Perth	12	169	2,028	284	300,025	5,602,490	18.67
Peterborough	31	124	3,844	538	136,853	2,157,898	15.77
Prescott	23	116	2,668	374	142,924	2,428,040	16.99
Prince Edward	22	105	2,310	323	101,907	1,404,278	13.78
Rainy River	11	94	1,034	145	39,769	544,179	13.68
Renfrew	55	178	9,790	1,371	235,925	4,195,057	17.78
Russell	35	132	4,620	647	112,179	1,881,451	16.77
Simcoe	74	168	12,432	1,740	409,108	7,291,509	17.82
Stormont	15	161	2,415	338	98,802	1,624,879	16.45
Sudbury	62	136	8,432	1,180	51,954	861,744	16.59
Thunder Bay	37	93	3,441	482	35,982	705,950	19.62
Timiskaming	25	111	2,775	389	54,739	846,026	15.46
Victoria	19	112	2,128	298	184,221	2,369,283	12.86
Waterloo	25	143	3,575	502	190,556	3,891,802	20.42
Welland	21	123	2,583	362	102,472	1,376,645	13.43
Wellington	21	155	3,255	456	359,954	5,947,806	16.52
Wentworth	85	156	13,260	1,854	130,485	2,254,060	17.27
York	87	191	16,617	2,326	284,862	6,253,759	21.95
The Province:							
1936	1,931	163	313,854	43,940	9,119,007	162,333,522	17.80
1935	2,075	170	352,761	42,331	9,106,295	131,260,274	14.41

PASTURE, FALLOW, ORCHARD, SMALL FRUITS

TABLE XVIII.—Showing by County Municipalities the area in Cleared Pasture, Summer Fallow, Orchards and Small Fruits in 1936, together with the comparative totals for the Province for 1935.

Counties and Districts	Cleared pasture	Summer fallow	Orchard	Small fruits	Total
	Acres	Acres	Acres	Acres	Acres
Algoma	9,604	937	264	157	10,962
Brant	24,557	2,877	3,146	553	31,133
Bruce	127,848	12,523	6,013	305	146,689
Carleton	84,676	526	1,194	341	86,737
Cochrane	3,795	53	.....	17	3,865
Dufferin	52,786	3,631	1,779	127	58,323
Dundas	39,679	218	1,626	273	41,796
Durham	55,516	4,103	7,082	290	66,991
Elgin	73,675	3,303	5,327	775	83,080
Essex	33,418	1,506	5,285	1,951	42,160
Frontenac	69,072	305	892	222	70,491
Glengarry	43,735	115	852	141	44,843
Grenville	46,587	324	965	266	48,142
Grey	133,031	10,914	8,787	518	153,250
Haldimand	34,701	8,519	3,582	293	47,095
Haliburton	11,378	154	94	29	11,655
Halton	24,117	4,284	5,181	876	34,458
Hastings	99,484	1,825	3,155	460	104,924
Huron	145,379	9,526	9,446	601	164,952
Kenora	1,142	71	.....	7	1,220
Kent	67,925	1,972	5,355	845	76,097
Lambton	123,097	4,011	9,083	728	136,919
Lanark	109,289	526	1,071	253	111,139
Leeds	78,485	216	1,048	306	80,055
Lennox and Addington	65,616	1,576	1,306	334	68,832
Lincoln	16,756	4,176	14,145	11,791	46,868
Manitoulin	11,328	142	163	34	11,667
Middlesex	173,313	6,556	9,417	1,139	190,425
Muskoka	15,912	413	191	74	16,590
Nipissing	11,552	157	21	91	11,821
Norfolk	37,621	4,416	6,385	2,118	50,540
Northumberland	63,059	2,312	8,736	707	74,814
Ontario	60,364	3,921	4,417	355	69,057
Oxford	66,712	2,655	6,312	472	76,151
Parry Sound	17,218	591	82	77	17,968
Peel	41,744	6,364	5,229	794	54,131
Perth	81,674	10,219	4,778	278	96,949
Peterborough	53,884	4,597	1,627	290	60,398
Prescott	54,948	69	451	130	55,598
Prince Edward	36,886	1,177	3,881	500	42,444
Rainy River	7,229	475	9	35	7,748
Renfrew	79,971	2,175	774	261	83,181
Russell	34,033	138	483	220	34,874
Simcoe	90,768	28,276	6,431	771	126,246
Stormont	42,795	107	851	202	43,955
Sudbury	10,772	257	21	83	11,133
Thunder Bay	4,754	265	75	120	5,214
Timiskaming	9,914	676	7	30	10,627
Victoria	57,681	2,586	1,039	186	61,492
Waterloo	25,362	4,657	3,719	325	34,063
Welland	20,357	8,219	5,314	2,059	35,949
Wellington	72,516	9,509	4,024	270	86,319
Wentworth	23,118	4,612	7,508	3,114	38,352
York	47,477	13,688	5,595	635	67,395
The Province:					
1936	2,828,310	197,420	184,218	*37,829	3,247,777
1935	2,831,416	189,883	186,112	*37,112	3,244,523

*Including 8,962 acres in strawberries and 15,318 in vineyards in 1936; and 8,861 acres in strawberries, and 14,871 in vineyards in 1935.

MARKET PRICES

TABLE XIX.—The following table shows by Counties the average prices of agricultural products for 1936, together with the average prices for 1935.

Counties and Districts	Fall Wheat, per bush.	Spring Wheat per bush.	Oats, per bush.	Barley, per bush.	Peas, per bush.	Beans, per bush.	Rye, per bush.	Buckwheat, per bush.	Corn shelled, per bush.	Hay, per ton.	Potatoes, per cwt.
	cts.	cts.	cts.	cts.	$ c.	$ c.	cts.	cts.	cts.	$ c.	$ c.
Algoma	117.5	108.9	57.2	69.9	1.60	1.88	68.7	70.3	65.2	8.78	1.22
Brant	111.7	110.4	47.1	72.1	1.54	2.00	82.3	63.0	66.2	9.60	1.29
Bruce	108.1	107.2	46.5	86.8	1.54	1.88	85.1	70 0	64.3	7.89	1.13
Carleton	110.5	105.4	47.5	82.8	1.58	1.98	80.1	65.6	73.2	7.53	1.25
Cochrane	114.6	113.0	62.1	71.0	1.60	1.85	90.9	71.5	61.2	9.85	1.69
Dufferin	110.0	108.0	51.0	80.4	1.57	1.86	83.7	69.0	68.2	8.36	1.10
Dundas	109.7	115.4	46.3	78.4	1.55	2.00	82.4	64.7	71.5	7.84	1.32
Durham	111.9	106.6	51.6	84.5	1.53	1.88	83.1	66.3	72.1	9.96	1.34
Elgin	110.1	108.9	46.4	71.4	1.58	2.03	80.7	69.0	65.1	9.60	1.55
Essex	106.8	106.6	44.5	82.1	1.56	1.97	81.4	71.0	64.4	9.60	1.89
Frontenac	109.0	112.6	47.9	76.6	1.62	1.97	81.1	63.0	70.4	8.60	1.37
Glengarry	111.6	110.2	44.1	77.3	1.58	1.88	83.6	67.0	75.3	7.33	1.41
Grenville	110.5	108.3	48.0	77.2	1.60	1.90	84.4	68.7	76.2	8.71	1.28
Grey	109.3	105.4	48.2	71.0	1.55	1.90	87.1	67.0	65.5	8.43	1.15
Haldimand	110.1	112.3	48.1	79.3	1.55	1.95	85.1	62.0	70.1	9.85	1.39
Haliburton	111.0	110.4	52.8	82.1	1.56	1.91	85.1	73.5	65.7	10.60	1 45
Halton	111.8	107.6	50.3	76.4	1.54	1.85	92.1	71.0	66.4	8.85	1.22
Hastings	111.7	111.4	50.5	74.2	1.55	1.96	82.1	72.7	71.5	9.82	1.48
Huron	109.4	103.4	47.4	85.2	1.53	2.09	93.1	70.0	69.1	8.86	1.25
Kenora	112.2	109.8	54.6	64.1	1.63	1.87	92.1	72.3	67.2	11.10	1.79
Kent	106.1	106.9	45.5	84.6	1.59	2.01	81.6	67.0	72.5	8.75	1.80
Lambton	109.8	106.2	44.7	89.9	1.57	2.04	80.1	70.0	68.2	8.80	1.44
Lanark	107.6	109.9	48.2	74.9	1.53	1.93	81.7	67.5	69.2	8.41	1.25
Leeds	107.1	112.6	51.1	73.4	1.57	2.00	84.6	70.7	72.8	9.32	1.36
Lennox and Addington	110.9	109.1	50.7	78.2	1.50	1.96	83.4	70.5	71.2	8.80	1.28
Lincoln	106.4	105.4	45.7	67.5	1.54	1.98	85.1	66.0	72.2	9.98	1.50
Manitoulin	118.7	114.1	57.3	72.8	1.58	1.90	91.4	69.5	69.3	8.27	1.12
Middlesex	109.1	106.6	44.7	88.0	1.60	2.02	82.1	70.0	68.2	9.85	1.41
Muskoka	109.5	110.4	53.3	72.1	1.58	1.98	85.1	70.0	72.5	10.60	1.47
Nipissing	112.2	108.2	49.3	62.5	1.65	1.91	89.9	71.3	72.5	8.84	1.22
Norfolk	105.7	106.9	47.1	75.7	1.54	1.95	85.1	69.0	63.1	9.52	1.46
Northumberland	111.4	105.5	49.7	78.4	1.50	1.95	85.0	70.3	67.2	9.60	1.48
Ontario	110.3	108.9	49.7	76.6	1.50	1.99	87.1	70.2	69.2	9.85	1.25
Oxford	111.2	108.6	47.0	73.7	1.50	1.93	82.1	66.0	67.2	9.35	1.36
Parry Sound	107.6	105.1	50.0	67.4	1.60	2.00	86.1	73.0	64.3	11.10	1.37
Peel	111.1	105.0	49.5	76.4	1.58	1.87	92.6	68.0	64.7	8 99	1.12
Perth	108.7	105.2	48.7	86.2	1.50	1.85	83.6	70.0	72.3	7.86	1.32
Peterborough	108.6	104.1	51.3	70.0	1.57	1.87	83.6	69 4	68.2	10.35	1.45
Prescott	106.8	109.7	50.8	78.0	1.55	2.00	85.1	67.7	72.7	7.07	1.27
Prince Edward	110.0	106.0	52.8	76.0	1.50	2.00	90.1	70.5	70.9	9.60	1.42
Rainy River	117.4	117.5	55.2	70.5	1.60	1.93	93.1	70.2	67.2	9.93	1.82
Renfrew	108.6	108.6	47.5	79.9	1.56	1.99	80.1	64.6	67.2	8.10	1.25
Russell	109.0	109.8	45.4	83.6	1.57	1.98	83.7	67.0	73.8	7.03	1.25
Simcoe	112.3	110.4	49.8	83.9	1.60	1.90	82.9	68.6	70.5	8.89	1.24
Stormont	110.1	109.4	46.8	80.3	1.56	2.00	84.7	69 1	74.5	7.13	1.38
Sudbury	121.7	119.2	53.1	58.8	1.61	1.95	92.6	72.0	68.2	9 83	1.20
Thunder Bay	118.5	113.4	48.7	61.8	1.55	1.97	91.4	71.9	67.2	9.35	1.38
Timiskaming	114.2	111.6	48.5	60.2	1.60	1.99	94.5	70.8	64.2	9.54	1.54
Victoria	111.3	103.5	53.2	80.3	1.50	1.93	92.1	72.3	73 8	8.80	1 27
Waterloo	107.3	110.4	49.3	78.4	1.56	1.91	88.1	71.6	67.7	9.27	1 16
Welland	106.1	105.8	46.0	59.6	1 59	1.90	87.1	70.0	62.2	9 88	1.61
Wellington	110.0	105.5	47.5	82.0	1 52	1.89	84 9	71.8	70 1	8.33	1.23
Wentworth	110.2	106.2	46.7	72.1	1 53	1 90	78.6	70.0	70.2	9 98	1.38
York	110.5	104.9	53.2	83.4	1.55	2.00	85.1	68.0	76.0	10.10	1.56
The Province:											
1936	109.0	108.0	48.0	80.0	1.55	2.02	84.0	69.0	68.0	8.79	1 35
1935	71.0	73.0	28.0	40.0	.95	1.45	40.0	40.0	45.0	7.08	.60

HORSES ON HAND

TABLE XX.—Showing by County Municipalities the number and value of Horses on hand, June 15th, 1936, together with the totals for the Province for the past three years.

Counties and Districts	Stallions, 2 yrs. old and over	Mares, 2 yrs. old and over	Geldings, 2 yrs. old and over	Colts and Fillies, under 2 years	Total Horses	
					Number	Value
						$
Algoma	14	1,668	1,937	186	3,805	469,841
Brant	34	3,798	3,564	612	8,008	1,015,116
Bruce	55	9,312	7,896	2,265	19,528	1,936,372
Carleton	46	6,663	5,815	1,469	13,993	1,466,928
Cochrane	14	1,587	2,064	95	3,760	473,363
Dufferin	29	5,148	4,237	1,216	10,630	1,127,150
Dundas	20	3,852	3,427	758	8,057	821,916
Durham	39	5,395	4,218	1,085	10,737	1,137,055
Elgin	34	5,897	5,417	1,193	12,541	1,370,503
Essex	52	7,155	5,824	1,465	14,496	1,696,220
Frontenac	28	4,379	3,906	748	9,061	875,094
Glengarry	25	3,386	3,329	761	7,501	802,135
Grenville	14	2,988	2,675	492	6,169	643,635
Grey	56	12,197	10,216	2,436	24,905	2,524,805
Haldimand	25	4,253	3,697	821	8,796	1,052,429
Haliburton	6	628	604	95	1,333	144,530
Halton	25	3,078	2,755	517	6,375	697,516
Hastings	38	6,681	6,417	1,179	14,315	1,480,132
Huron	61	11,535	9,127	2,738	23,461	2,403,350
Kenora	5	522	691	29	1,247	150,099
Kent	60	9,518	8,207	2,064	19,849	2,407,184
Lambton	66	8,349	7,178	2,188	17,781	1,912,338
Lanark	33	4,297	3,744	946	9,020	925,700
Leeds	29	4,645	4,426	935	10,035	1,046,865
Lennox and Addington	36	3,849	3,792	714	8,391	874,164
Lincoln	18	2,816	2,793	285	5,912	682,300
Manitoulin	9	1,285	996	337	2,627	306,759
Middlesex	93	11,977	9,463	2,804	24,337	2,690,119
Muskoka	11	1,262	1,097	141	2,511	304,014
Nipissing	22	1,332	1,445	158	2,957	373,380
Norfolk	22	5,174	4,661	799	10,656	1,238,963
Northumberland	28	6,197	5,655	1,051	12,931	1,393,330
Ontario	38	7,372	5,828	1,196	14,434	1,582,416
Oxford	36	8,426	7,164	1,278	16,904	1,861,470
Parry Sound	21	1,966	1,784	214	3,985	449,211
Peel	41	4,738	3,647	912	9,338	1,018,376
Perth	65	9,349	7,658	2,417	19,489	2,152,856
Peterborough	29	4,209	3,927	826	8,991	992,008
Prescott	40	3,618	2,654	789	7,101	739,793
Prince Edward	16	3,667	2,894	475	7,052	781,316
Rainy River	11	1,158	1,209	168	2,546	305,439
Renfrew	57	6,666	5,558	1,355	13,636	1,350,564
Russell	29	3,065	2,031	779	5,904	616,291
Simcoe	78	13,273	11,224	2,198	26,773	2,861,379
Stormont	16	2,984	3,101	517	6,618	694,044
Sudbury	22	1,562	1,763	196	3,543	437,073
Thunder Bay	21	952	1,669	73	2,715	318,516
Timiskaming	14	1,763	1,864	181	3,822	463,906
Victoria	33	5,075	4,117	896	10,121	1,068,302
Waterloo	45	6,021	5,233	1,254	12,553	1,350,337
Welland	16	2,844	2,687	328	5,875	655,325
Wellington	65	9,782	8,569	1,511	19,927	2,148,105
Wentworth	18	4,385	4,116	547	9,066	1,049,147
York	79	8,196	7,358	1,165	16,798	1,890,451
The Province:						
1936	1,837	271,894	237,328	51,857	562,916	61,229,630
1935	1,890	273,264	238,387	49,336	562,877	57,946,376
1934	1,900	274,911	239,452	47,394	563,657	54,492,559

CATTLE ON HAND

TABLE XXI.—Showing by County Municipalities the number of Cattle on hand, June 15th, 1936, together with the totals for the Province for the past three years.

Counties and Districts	Bulls for breeding	Cows for milk purposes	Cows for beef purposes	Yearlings for milk purposes	Yearlings for beef purposes	Calves	All other cattle
Algoma	375	9,802	329	1,647	1,515	4,516	778
Brant	778	15,283	541	3,872	1,738	6,236	643
Bruce	1,348	35,914	3,767	5,323	20,965	22,697	13,261
Carleton	2,156	41,487	2,036	9,115	4,125	16,356	2,992
Cochrane	451	3,417	212	1,059	165	2,137	75
Dufferin	548	14,611	1,693	2,679	8,558	10,458	3,217
Dundas	1,662	25,739	663	5,428	127	8,053	138
Durham	677	16,992	2,175	3,214	5,623	9,187	2,212
Elgin	1,307	27,441	1,323	5,927	3,458	12,115	2,653
Essex	617	17,899	1,172	2,226	749	5,784	375
Frontenac	1,807	30,445	1,027	5,453	1,819	10,877	664
Glengarry	1,824	27,555	728	5,684	295	7,692	132
Grenville	1,185	18,337	382	3,769	130	6,732	135
Grey	1,614	43,102	4,352	6,643	23,877	29,525	10,228
Haldimand	704	15,486	461	3,709	2,229	7,182	627
Haliburton	167	3,756	161	567	1,030	2,429	366
Halton	761	12,788	845	3,107	2,003	6,276	902
Hastings	2,422	41,313	1,526	8,324	2,197	17,571	1,218
Huron	1,602	39,967	4,617	7,613	21,081	27,819	12,332
Kenora	87	1,397	25	252	75	586	16
Kent	658	19,749	2,764	4,236	6,336	11,514	5,016
Lambton	996	28,103	2,682	4,491	13,377	18,032	6,378
Lanark	1,118	25,425	2,176	5,233	6,851	13,459	3,868
Leeds	2,029	39,085	581	8,704	638	11,688	183
Lennox and Addington	1,175	24,112	569	4,466	1,719	9,264	942
Lincoln	397	8,774	322	1,456	359	3,258	177
Manitoulin	211	5,064	358	738	3,038	4,092	1,337
Middlesex	1,943	49,626	3,667	9,857	13,090	24,131	9,508
Muskoka	259	6,747	401	1,286	918	3,572	375
Nipissing	857	8,126	602	1,984	826	5,253	295
Norfolk	868	18,263	469	3,758	624	6,404	334
Northumberland	1,396	25,441	1,665	6,097	3,229	11,747	1,531
Ontario	1,184	25,545	2,862	5,431	7,372	14,925	3,157
Oxford	2,437	47,001	1,287	9,463	3,721	17,185	2,118
Parry Sound	437	10,415	538	1,826	3,014	6,117	846
Peel	973	20,758	707	4,415	2,117	7,019	1,451
Perth	1,804	38,012	1,826	8,569	10,067	20,467	3,137
Peterborough	983	19,701	795	4,099	4,021	10,149	1,567
Prescott	1,806	25,567	602	5,834	442	8,709	162
Prince Edward	815	15,407	481	2,735	190	5,589	72
Rainy River	242	4,269	255	973	752	2,496	188
Renfrew	2,012	31,678	2,782	6,654	9,265	20,197	4,632
Russell	1,657	21,517	546	4,964	609	8,482	183
Simcoe	1,375	41,842	3,026	8,419	14,411	23,638	5,661
Stormont	1,711	26,136	502	4,478	170	7,826	108
Sudbury	823	9,152	729	2,348	658	5,693	243
Thunder Bay	232	4,728	93	1,358	113	2,487	33
Timiskaming	553	7,216	408	1,865	1,103	4,131	185
Victoria	727	19,486	1,968	3,707	8,699	11,786	5,755
Waterloo	1,107	19,857	728	4,374	4,332	10,931	1,449
Welland	421	10,305	345	1,901	539	2,418	172
Wellington	1,422	31,643	3,166	5,078	14,294	21,228	3,776
Wentworth	862	16,387	671	3,052	1,206	5,517	288
York	1,527	33,588	2,124	6,565	2,951	11,073	1,266
The Province:							
1936	59,109	*1,181,456	70,732	236,025	242,810	564,705	119,357
1935	59,229	*1,181,787	71,075	232,212	246,645	555,558	122,725
1934	59,864	*1,176,846	69,117	248,977	245,216	563,781	130,670

*Including dual purpose cows.

TOTAL CATTLE AND SHEEP AND LAMBS ON HAND

TABLE XXII.—Showing by County Municipalities the number and value of Cattle on hand, June 15th, 1936, together with the totals for the Province for the past three years.

Counties and Districts	Total Cattle		Sheep and Lambs		
	Number	Value	Ewes for breeding	1 year and over	Under 1 year
		$			
Algoma	18,962	536,572	4,047	770	4,929
Brant	29,091	1,186,629	3,083	631	3,265
Bruce	103,275	3,174,223	21,054	4,011	25,972
Carleton	78,267	2,326,701	9,818	1,871	11,712
Cochrane	7,516	223,438	535	94	604
Dufferin	41,764	1,222,025	13,385	2,742	14,939
Dundas	41,810	1,155,225	1,257	222	1,495
Durham	40,080	1,202,439	10,205	1,801	11,217
Elgin	54,224	1,802,166	7,606	1,670	9,498
Essex	28,822	1,088,367	4,555	742	4,966
Frontenac	52,092	1,591,899	5,888	1,293	7,003
Glengarry	43,910	1,327,622	1,724	280	1,776
Grenville	30,670	917,932	4,018	709	4,643
Grey	119,341	3,640,836	31,689	6,956	42,177
Haldimand	30,398	1,132,135	4,966	1,017	6,475
Haliburton	8,476	246,574	1,872	357	1,965
Halton	26,682	897,925	3,981	648	4,132
Hastings	74,571	2,105,618	11,526	2,531	13,569
Huron	115,031	3,416,300	10,961	1,935	12,934
Kenora	2,438	73,712	392	64	442
Kent	50,273	1,683,278	6,026	1,323	7,272
Lambton	74,059	2,453,281	13,553	2,775	14,569
Lanark	58,130	1,466,098	13,259	2,716	15,524
Leeds	62,908	2,001,413	5,235	1,149	6,125
Lennox and Addington	42,247	1,137,666	3,438	559	3,743
Lincoln	14,743	592,945	2,265	432	2,643
Manitoulin	14,838	362,929	8,571	1,755	10,007
Middlesex	111,822	3,829,228	12,349	2,179	13,085
Muskoka	13,558	417,178	2,489	439	2,593
Nipissing	17,943	495,043	3,302	725	3,678
Norfolk	30,720	1,129,120	2,816	459	3,198
Northumberland	51,106	1,690,908	5,920	1,128	6,729
Ontario	60,476	1,905,906	13,160	2,322	15,686
Oxford	83,212	3,242,180	3,622	795	4,349
Parry Sound	23,193	664,191	6,364	1,037	6,552
Peel	37,440	1,347,680	4,638	884	5,134
Perth	83,882	2,631,862	4,787	845	5,708
Peterborough	41,315	1,158,746	5,672	1,080	6,481
Prescott	43,122	1,227,869	1,737	306	1,864
Prince Edward	25,289	765,258	2,685	590	3,036
Rainy River	9,175	255,721	3,285	673	4,217
Renfrew	77,220	1,670,762	25,243	4,808	26,543
Russell	37,958	1,041,544	2,097	399	2,477
Simcoe	98,372	2,845,606	21,729	4,450	24,447
Stormont	40,931	1,299,745	1,233	235	1,395
Sudbury	19,646	571,979	2,046	390	2,123
Thunder Bay	9,044	266,248	390	68	439
Timiskaming	15,461	440,737	3,691	601	3,611
Victoria	52,128	1,273,823	10,127	2,074	12,368
Waterloo	42,778	1,420,922	2,090	368	2,372
Welland	16,101	663,855	1,693	323	1,957
Wellington	80,607	2,462,268	15,752	3,000	18,255
Wentworth	27,983	1,172,976	2,842	583	3,406
York	59,094	2,092,002	9,407	1,791	11,536
The Province:					
1936	2,474,194	76,949,305	376,075	73,605	436,835
1935	2,469,231	72,031,320	401,072	78,466	466,200
1934	2,494,471	66,581,103	428,590	59,339	474,396

TOTAL SHEEP AND SWINE ON HAND

TABLE XXIII.—Showing by County Municipalities the number and value of Swine on hand, June 15, 1936, together with the totals for the Province for the past three years.

Counties and Districts	Total Sheep and Lambs		Swine		Total Swine	
	Number	Value	Six months and over	Under six months	Number	Value
		$				$
Algoma	9,746	53,141	865	3,859	4,724	39,023
Brant	6,979	50,217	3,744	12,169	15,913	148,831
Bruce	51,037	346,217	9,987	34,328	44,315	418,657
Carleton	23,401	139,475	4,908	24,326	29,234	210,729
Cochrane	1,233	9,150	757	2,648	3,405	34,375
Dufferin	31,066	217,229	7,182	24,595	31,777	314,476
Dundas	2,974	17,715	4,422	17,248	21,670	182,864
Durham	23,223	166,379	6,199	19,623	25,822	264,954
Elgin	18,774	114,314	6,861	22,054	28,915	258,641
Essex	10,263	63,691	12,118	32,733	44,851	435,137
Frontenac	14,184	88,512	3,516	13,375	16,891	155,576
Glengarry	3,780	24,670	4,257	15,272	19,529	183,530
Grenville	9,370	60,517	2,093	11,292	13,385	119,541
Grey	80,822	570,088	15,247	46,022	61,269	596,600
Haldimand	12,458	78,631	3,111	12,272	15,383	141,902
Haliburton	4,194	27,127	312	1,408	1,720	14,641
Halton	8,761	60,580	3,225	11,106	14,331	139,124
Hastings	27,626	167,383	9,144	34,656	43,800	405,664
Huron	25,830	167,857	17,026	62,145	79,171	769,576
Kenora	898	5,161	289	846	1,135	10,913
Kent	14,621	95,390	19,643	55,137	74,780	736,431
Lambton	30,897	203,537	10,856	36,171	47,027	446,792
Lanark	31,499	207,572	2,662	14,174	16,836	152,804
Leeds	12,509	83,204	3,969	19,047	23,016	219,056
Lennox and Addington	7,740	46,063	2,995	17,014	20,009	188,764
Lincoln	5,340	35,143	1,769	6,138	7,907	77,877
Manitoulin	20,333	127,197	1,169	3,723	4,892	47,341
Middlesex	27,613	196,015	9,441	39,611	49,052	467,021
Muskoka	5,521	34,810	402	1,816	2,218	19,728
Nipissing	7,705	47,631	1,402	5,556	6,958	65,517
Norfolk	6,473	40,281	4,197	12,656	16,853	167,302
Northumberland	13,777	88,938	7,194	26,822	34,016	337,851
Ontario	31,168	220,448	9,127	31,264	40,391	398,766
Oxford	8,766	59,259	9,234	32,588	41,822	410,622
Parry Sound	13,953	92,858	1,052	3,608	4,660	43,140
Peel	10,656	66,422	4,753	14,295	19,048	189,193
Perth	11,340	80,952	13,862	54,214	68,076	628,706
Peterborough	13,233	88,847	2,745	13,438	16,183	153,555
Prescott	3,907	23,206	4,365	16,384	20,749	189,162
Prince Edward	6,311	41,427	3,013	12,095	15,108	138,910
Rainy River	8,175	52,355	695	2,216	2,911	27,468
Renfrew	56,594	297,191	5,192	18,099	23,291	200,048
Russell	4,973	32,456	3,806	13,291	17,097	158,222
Simcoe	50,626	313,465	15,634	55,226	70,860	638,554
Stormont	2,863	17,028	3,377	15,715	19,092	164,037
Sudbury	4,559	27,116	1,782	4,815	6,597	61,013
Thunder Bay	897	5,772	589	1,997	2,586	27,257
Timiskaming	7,903	52,894	1,053	3,675	4,728	48,488
Victoria	24,569	164,387	6,125	22,049	28,174	252,956
Waterloo	4,830	31,600	12,799	35,237	48,036	447,328
Welland	3,973	24,747	2,088	6,065	8,153	82,465
Wellington	37,007	253,802	13,393	51,041	64,434	611,121
Wentworth	6,831	44,935	3,504	11,129	14,633	147,261
York	22,734	165,870	12,371	38,504	50,875	523,829
The Province:						
1936	886,515	5,790,872	311,521	1,096,787	1,408,308	13,313,339
1935	945,738	5,488,972	266,514	958,796	1,225,310	12,348,955
1934	962,325	5,335,210	269,491	908,422	1,177,913	10,971,007

POULTRY ON HAND

TABLE XXIV.—Showing by County Municipalities the number and value of Poultry on hand, June 15th, 1936, together with the totals for the Province for the past three years.

Counties and Districts	Turkeys	Geese	Ducks	Other Fowls	Total Poultry	
					Number	Value
						$
Algoma	3,200	2,175	1,083	122,783	129,241	72,717
Brant	1,291	5,409	4,242	295,150	306,092	140,778
Bruce	17,399	16,340	14,420	597,369	645,528	331,473
Carleton	14,837	13,936	8,146	532,036	568,955	317,204
Cochrane	831	417	302	81,287	82,837	53,321
Dufferin	1,540	15,695	4,957	246,401	268,593	143,313
Dundas	9,886	8,069	6,172	392,900	417,027	209,641
Durham	2,791	11,355	6,947	458,114	479,207	245,847
Elgin	10,983	7,937	7,379	574,258	600,557	288,217
Essex	8,855	11,374	17,428	895,377	933,034	417,816
Frontenac	23,563	3,841	3,884	248,873	280,161	151,280
Glengarry	17,292	1,692	1,873	232,415	253,272	142,864
Grenville	8,441	4,001	3,301	241,026	256,769	161,278
Grey	9,250	26,296	13,955	714,500	764,001	448,240
Haldimand	9,045	5,296	6,198	463,540	484,079	264,448
Haliburton	1,378	541	137	26,266	28,322	16,690
Halton	3,271	6,204	5,180	279,759	294,414	158,086
Hastings	11,952	7,981	4,081	496,799	520,813	286,572
Huron	7,196	23,445	23,518	1,144,482	1,198,641	613,721
Kenora	487	181	210	19,024	19,902	11,713
Kent	10,357	13,116	23,060	906,547	953,080	455,049
Lambton	30,019	19,933	18,947	955,285	1,024,184	507,700
Lanark	15,421	4,261	2,373	277,832	299,887	180,633
Leeds	18,718	4,045	4,470	310,647	337,880	200,912
Lennox and Addington	6,655	3,593	4,136	291,219	305,603	155,331
Lincoln	6,231	2,641	5,423	275,713	290,008	157,133
Manitoulin	10,147	1,717	488	57,097	69,449	46,509
Middlesex	36,701	20,865	21,940	1,046,279	1,125,785	650,830
Muskoka	1,271	624	673	76,377	78,945	48,150
Nipissing	707	1,106	345	70,243	72,401	43,490
Norfolk	7,760	4,994	4,246	486,389	503,389	259,426
Northumberland	4,060	7,719	5,105	554,895	571,779	299,858
Ontario	8,233	15,404	8,428	535,652	567,717	330,917
Oxford	1,598	9,922	12,175	831,704	855,399	479,583
Parry Sound	2,105	2,226	965	79,637	84,933	53,702
Peel	4,242	12,090	8,924	413,242	438,498	237,044
Perth	1,664	19,392	15,209	732,817	769,082	416,845
Peterborough	12,230	7,426	3,414	306,406	329,476	185,306
Prescott	7,674	3,259	1,895	216,262	229,090	130,255
Prince Edward	3,060	2,591	3,332	227,260	236,243	126,820
Rainy River	6,508	720	725	55,673	63,626	43,695
Renfrew	14,735	8,969	2,592	325,029	351,325	214,657
Russell	1,595	7,181	1,747	222,840	233,363	126,005
Simcoe	15,694	26,060	18,512	795,632	855,898	456,029
Stormont	9,754	3,169	3,116	353,412	369,451	193,353
Sudbury	935	597	353	93,952	95,837	56,115
Thunder Bay	1,533	1,091	434	185,814	188,872	109,258
Timiskaming	1,219	1,593	963	84,652	88,427	55,467
Victoria	10,267	13,170	4,444	337,802	365,683	211,557
Waterloo	521	7,599	5,041	444,968	458,129	253,121
Welland	3,371	2,914	5,116	324,170	335,571	183,843
Wellington	1,832	24,506	9,694	637,768	673,800	377,262
Wentworth	2,127	5,842	4,353	402,441	414,763	233,172
York	5,696	19,511	18,555	745,603	789,365	462,132
The Province:						
1936	428,128	452,031	354,606	21,723,618	22,958,383	12,416,378
1935	421,469	454,458	354,719	21,731,188	22,961,834	11,987,918
1934	419,948	455,439	361,212	21,566,979	22,802,578	11,631,434

PART II—CHATTEL MORTGAGES

Table showing by County Municipalities of Ontario the total number and amount of Chattel Mortgages on record and undischarged on December 31st, for the years 1934, 1935 and 1936, together with totals for the Province for all occupations as well as for "farmers," as far as given in the records.

Counties and Districts	1936		1935		1934	
	No.	Amount	No.	Amount	No.	Amount
		$		$		$
Algoma	138	290,912	150	234,035	166	223,613
Brant	413	440,069	444	460,972	425	488,346
Bruce	444	531,263	483	572,701	496	560,745
Carleton	3,973	2,057,057	3,079	1,725,620	1,805	1,353,499
Cochrane	257	217,763	287	424,629	283	763,785
Dufferin	214	393,329	228	425,336	234	415,047
Elgin	368	717,441	388	739,116	427	766,137
Essex	2,074	3,521,185	1,979	3,172,158	2,466	3,554,615
Frontenac	237	300,221	270	286,720	313	258,340
Grey	580	844,688	597	873,182	658	929,089
Haldimand	172	271,750	181	306,281	198	293,254
Haliburton	12	17,399	45	35,178	52	24,947
Halton	285	523,555	276	573,794	263	568,363
Hastings	482	844,252	480	626,834	541	710,004
Huron	482	853,059	506	914,804	564	881,628
Kenora	62	125,594	34	74,540	46	68,194
Kent	760	2,118,001	785	1,884,746	838	1,900,747
Lambton	345	476,989	370	547,800	385	587,601
Lanark	215	335,696	215	335,695	235	370,343
Leeds and Grenville	385	688,958	413	553,025	432	553,797
Lennox and Addington	144	526,671	162	574,680	170	209,745
Lincoln	406	498,695	390	553,179	482	582,820
Manitoulin	81	74,418	72	66,924	81	62,593
Middlesex	1,099	871,422	1,059	871,421	1,056	873,077
Muskoka	89	174,922	91	182,350	97	176,411
Nipissing	245	341,275	254	381,563	270	336,080
Norfolk	279	293,587	309	396,918	412	416,811
Northumberland and Durham	510	901,901	513	796,098	505	791,945
Ontario	594	1,050,193	551	883,708	541	957,507
Oxford	416	732,507	416	700,132	439	679,569
Parry Sound	187	237,698	151	233,788	166	236,875
Peel	226	389,069	218	383,120	237	407,801
Perth	393	530,104	443	367,806	466	572,170
Peterborough	274	404,689	251	372,505	266	443,709
Prescott and Russell	509	976,820	544	961,705	602	1,001,639
Prince Edward	240	379,294	136	347,266	256	376,837
Rainy River	106	125,666	134	141,341	138	154,831
Renfrew	326	604,687	342	634,148	369	740,019
Simcoe	717	743,941	697	1,277,499	770	1,040,749
Stormont, Dundas and Glengarry	589	1,187,150	609	1,018,582	646	1,121,029
Sudbury	475	465,305	301	579,159	346	409,911
Thunder Bay	231	481,397	237	458,418	199	367,956
Timiskaming	231	466,689	208	423,804	219	394,582
Victoria	257	438,676	212	345,408	215	304,844
Waterloo	444	677,510	497	777,859	761	660,237
Welland	665	876,326	698	857,238	699	823,065
Wellington	500	853,545	500	908,510	519	942,046
Wentworth	2,507	1,911,706	1,514	1,809,433	1,217	1,607,833
York	12,495	7,287,846	10,568	6,584,066	9,668	6,080,709
Total:						
All occupations	37,133	40,072,890	33,287	38,655,794	32,639	38,045,494
Farmers as given	8,982	18,255,547	9,545	19,327,824	10,647	19,831,625
*Occupations not given	16,264	7,857,542	13,876	6,573,676	12,840	6,266,597

*A number of these may be "farmers." Nearly every clerk reports a number of instruments as unclassified as to occupation. Certain finance corporations have adopted the practice of filing chattel mortgages instead of liens on automobiles. This is very noticeable in Essex and Middlesex Counties (included in unclassified).

PART III.

Comparative Farm Statistics for Fifty-Five Years—1882-1936

STATISTICS OF FARM CROPS

Fall Wheat and Spring Wheat

The following table gives the area, produce and market value of fall wheat and spring wheat for the years 1882 to 1936, together with the annual averages for the various periods of ten years and the average for the fifty-five years.

Years	Fall Wheat				Spring Wheat			
	Acres	Bushels	Per acre	Market Value	Acres	Bushels	Per acre	Market value
				$				$
1936	509,306	12,478,456	24.5	13,601,343	97,972	1,735,147	17.7	1,874,293
1935	555,073	12,600,690	22.7	8,946,898	98,807	1,857,135	18.8	1,356,077
1934	425,594	6,724,089	15.8	5,917,025	96,373	1,803,088	18.7	1,533,062
1933	558,970	14,030,553	25.1	9,259,526	96,701	1,662,969	17.2	1,114,229
1932	536,292	15,061,600	28.1	6,929,113	100,068	1,990,368	19.9	895,980
1931	525,024	15,013,555	28.6	7,747,787	90,183	1,982,594	20.0	1,008,547
1930	676,802	18,047,207	26.7	11,958,527	98,966	2,179,204	22.0	1,426,734
1929	691,662	17,820,739	25.8	22,092,590	106,610	1,929,892	18.1	2,416,054
1928	693,660	16,766,408	24.2	20,456,753	109,805	2,181,855	19.9	2,599,815
1927	751,377	19,447,536	25.9	24,254,806	119,580	2,408,055	20.1	2,939,777
1926	807,015	20,988,030	26.0	26,262,506	115,497	2,166,054	18.8	2,708,690
1925	747,101	22,764,736	30.5	30,420,639	113,338	2,440,632	21.5	3,245,576
1924	722,366	21,396,621	29.6	28,646,679	101,401	1,948,853	19.2	2,669,773
1923	717,307	16,599,067	23.1	15,976,322	111,601	1,937,937	17.4	1,865,540
1922	813,935	17,792,958	21.9	18,616,746	124,206	2,099,503	16.9	2,207,565
1921	621,420	13,667,879	22.0	15,096,980	152,904	1,907,459	12.5	2,087,264
1920	762,371	18,492,013	24.3	35,759,610	267,367	4,480,472	16.8	8,237,182
1919	619,494	15,051,703	24.3	35,698,096	361,150	5,646,544	15.6	13,603,841
1918	362,616	7,054,845	19.5	14,877,794	351,423	8,186,191	23.3	17,076,203
1917	585,946	13,384,207	22.8	28,078,738	182,957	3,679,516	20.1	7,716,693
1916	704,867	14,942,050	21.2	24,099,591	144,305	2,213,961	15.3	3,591,681
1915	811,185	24,737,011	30.5	24,023,286	162,142	3,439,949	21.2	3,392,996
1914	685,692	14,333,548	20.9	15,641,232	118,607	2,169,425	18.3	2,340,520
1913	646,533	15,945,717	24.7	13,550,459	116,581	2,068,951	17.7	1,818,652
1912	759,888	15,039,885	19.8	13,795,968	123,080	2,302,339	18.7	2,072,266
1911	837,492	17,926,586	21.4	15,519,411	133,711	2,295,534	17.2	2,081,580
1910	743,473	19,837,172	26.7	17,172,678	129,319	2,489,833	19.3	2,229,999
1909	663,375	15,967,653	24.1	16,335,950	135,161	2,223,567	16.5	2,237,189
1908	679,642	16,430,476	24.2	14,649,061	142,124	2,197,716	15.5	1,996,230
1907	676,164	15,545,491	23.0	14,410,670	144,514	2,473,651	17.1	2,137,234
1906	787,287	18,841,774	23.9	13,321,134	171,745	3,267,000	19.0	2,250,963
1905	796,213	17,933,961	22.5	13,719,480	190,116	3,582,627	18.8	2,683,387
1904	605,458	9,160,623	15.1	9,041,535	225,027	3,471,103	15.4	3,269,779
1903	665,028	17,242,763	25.9	12,949,315	248,518	4,650,707	18.7	3,460,126
1902	748,592	20,233,669	27.0	14,305,204	303,115	6,048,024	20.0	4,209,425
1901	911,587	15,943,229	17.5	10,538,474	358,048	5,498,751	15.4	3,673,166
1900	1,068,640	23,369,737	21.9	15,517,505	376,905	6,940,333	18.4	4,684,725
1899	1,049,691	14,439,827	13.8	9,631,365	398,726	7,041,317	17.7	4,682,476
1898	1,048,182	25,158,713	24.0	17,460,147	389,205	6,873,785	17.7	4,756,659
1897	950,222	23,988,051	25.2	18,758,656	323,305	4,868,101	15.1	3,826,327
1896	876,955	15,078,441	17.2	10,705,693	255,361	3,519,322	13.8	2,484,641
1895	743,199	14,155,282	19.0	9,809,610	223,957	3,472,543	15.5	2,423,835
1894	778,992	16,512,106	21.2	9,081,658	230,016	3,367,854	14.6	1,869,159
1893	913,954	17,545,248	19.2	10,509,604	356,721	4,186,063	11.7	2,486,521
1892	966,522	20,492,497	21.2	14,488,195	651,302	8,290,395	12.7	5,620,888
1891	849,956	21,872,488	25.7	20,800,736	510,634	10,711,538	21.0	9,951,019
1890	720,101	14,267,383	19.8	13,439,875	601,753	7,683,905	12.8	7,015,405
1889	822,115	13,001,865	15.8	11,493,648	398,610	5,697,707	14.3	5,019,680
1888	826,537	13,830,787	16.7	14,162,726	367,850	6,453,559	17.5	6,408,384
1887	897,743	14,440,611	16.1	11,321,439	484,821	5,633,117	11.6	4,393,831
1886	886,402	18,071,142	20.4	13,300,361	577,465	9,518,553	16.5	6,900,951
1885	875,136	21,478,281	24.5	17,504,799	799,463	9,129,881	11.4	7,358,684
1884	864,740	20,717,631	24.0	16,677,693	721,647	14,609,661	20.2	11,892,264
1883	1,097,210	11,656,957	10.6	12,239,805	586,410	9,726,063	16.6	10,406,887
1882	1,188,520	31,255,202	26.3	31,567,754	586,817	9,665,999	16.5	10,245,959
Annual Averages:								
1922–1931	714,625	18,663,676	26.1	20,643,336	110,019	2,127,458	19.3	2,308,807
1912–1921	656,001	15,264,886	23.3	22,062,175	198,052	3,609,481	18.2	6,193,730
1902–1911	720,272	16,912,017	23.5	14,142,444	182,335	3,269,976	17.9	2,655,591
1892–1901	930,794	18,668,313	20.1	12,650,091	356,355	5,405,846	15.2	3,650,840
1882–1891	902,846	18,059,235	20.0	16,250,884	563,547	8,882,998	15.8	7,959,306
1882–1936	760,557	17,028,666	22.2	16,384,422	265,327	4,400,115	16.6	4,262,843

STATISTICS OF FARM CROPS

Oats and Barley

The following table gives the area, produce and market value of Oats and Barley for the years 1882 to 1936, together with the annual averages for the various periods of ten years and the average for the fifty-five years.

Years	Oats				Barley			
	Acres	Bushels	Per acre	Market value	Acres	Bushels	Per acre	Market value
				$				$
1936	2,345,906	66,857,962	28.5	32,091,668	519,233	14,018,054	27.0	11,214,391
1935	2,376,736	85,560,799	36.0	23,957,144	523,035	16,841,004	32.2	6,736,335
1934	2,390,817	81,526,069	34.1	28,534,021	484,908	14,741,263	30.4	7,370,538
1933	2,315,700	65,543,218	28.3	21,629,214	461,226	12,037,325	26.1	4,935,203
1932	2,338,569	75,517,411	32.3	18,878,732	456,000	13,771,000	30.2	4,958,004
1931	2,330,128	77,979,490	33.5	19,499,057	437,588	13,407,038	30.6	4,898,775
1930	2,468,913	97,481,866	39.5	28,983,780	609,879	20,910,731	34.3	7,496,760
1929	2,335,310	73,640,478	31.5	45,918,227	622,063	18,032,191	29.0	13,799,386
1928	2,659,980	93,461,068	35.1	51,912,665	615,433	19,944,133	32.4	14,790,285
1927	2,689,295	101,913,746	37.9	58,438,236	514,802	17,238,125	33.5	13,382,864
1926	2,831,755	95,722,130	33.8	49,615,846	449,095	14,447,174	32.2	9,823,171
1925	2,837,390	118,100,471	41.6	53,404,626	436,383	14,917,247	34.2	10,160,463
1924	2,891,990	114,249,129	39.5	61,899,999	439,177	14,570,403	33.2	11,970,808
1923	2,967,417	103,485,442	34.9	46,937,124	452,490	13,523,349	29.9	8,487,609
1922	3,034,090	116,033,569	38.2	50,450,114	433,922	13,971,811	32.2	8,561,782
1921	3,094,958	72,575,191	23.4	36,555,194	462,176	10,149,353	22.0	6,665,865
1920	2,880,053	129,171,312	44.9	75,159,913	484,328	16,660,350	34.4	15,631,613
1919	2,674,341	78,388,018	29.3	76,572,899	569,183	13,133,757	23.1	19,146,902
1918	2,924,468	131,752,601	45.1	98,798,745	660,404	24,247,673	36.7	25,112,912
1917	2,763,355	111,232,817	40.3	86,640,057	551,298	18,387,741	33.4	23,118,166
1916	2,689,762	71,297,528	26.5	47,066,428	527,886	12,388,969	23.5	12,621,940
1915	2,871,755	120,217,952	41.9	47,452,121	552,318	19,893,129	36.0	11,130,811
1914	2,776,883	103,564,322	37.3	51,232,043	579,473	18,096,754	31.2	11,640,790
1913	2,699,459	98,426,902	36.5	36,342,489	623,658	18,255,958	29.3	10,136,759
1912	2,601,735	98,444,807	37.8	38,005,016	647,382	19,232,275	29.7	11,296,962
1911	2,699,230	84,829,232	31.4	37,494,695	616,977	16,248,129	26.3	12,000,154
1910	2,757,933	102,084,924	37.0	35,698,964	626,144	19,103,107	30.5	9,930,410
1909	2,695,585	90,235,579	33.5	35,612,676	695,262	18,776,777	27.0	10,286,328
1908	2,774,259	96,626,419	34.8	38,987,985	734,029	20,888,569	28.5	10,943,788
1907	2,932,509	83,524,301	28.5	40,759,859	766,891	21,718,332	28.3	12,900,689
1906	2,716,711	108,341,455	39.9	36,836,095	756,163	25,253,011	33.4	11,363,855
1905	2,668,416	105,563,572	39.6	35,469,360	772,633	24,265,394	31.4	10,409,854
1904	2,654,936	102,173,443	38.5	33,002,022	772,434	24,567,825	31.8	10,736,140
1903	2,638,665	109,874,053	41.6	32,193,097	709,839	24,378,817	34.3	10,263,482
1902	2,500,758	106,431,439	42.6	37,038,141	661,622	21,890,602	33.1	9,872,661
1901	2,408,264	78,334,490	32.5	28,357,085	637,201	16,761,076	26.3	7,542,484
1900	2,398,834	89,693,327	37.4	23,768,732	577,810	16,909,751	29.3	6,577,893
1899	2,363,778	89,897,724	38.0	24,901,670	490,374	14,830,891	30.2	5,858,202
1898	2,376,360	86,858,293	36.6	22,409,440	438,784	12,663,668	28.9	4,812,194
1897	2,432,491	86,318,128	35.5	19,507,897	451,515	12,021,779	26.6	3,245,880
1896	2,425,107	82,979,992	34.2	16,595,998	462,792	12,669,744	27.4	4,003,639
1895	2,373,309	84,697,566	35.7	24,646,992	478,046	12,090,507	25.3	4,884,565
1894	2,342,766	70,172,516	30.0	21,613,135	486,261	10,980,404	22.6	4,447,064
1893	1,936,644	58,584,529	30.3	19,450,064	467,315	9,806,088	21.0	3,932,241
1892	1,861,469	64,758,053	34.8	19,945,480	499,225	12,274,318	24.6	5,069,293
1891	1,840,636	75,009,542	40.8	27,378,483	553,166	16,141,904	29.2	7,925,675
1890	1,882,366	52,768,207	28.0	21,687,734	701,326	15,600,169	22.2	7,831,285
1889	1,923,444	64,346,301	33.5	19,625,622	875,286	23,386,388	26.7	10,290,011
1888	1,849,868	65,466,911	35.4	26,514,099	895,432	23,366,569	26.1	14,043,308
1887	1,682,463	49,848,101	29.6	17,247,443	767,346	17,134,830	22.3	9,715,448
1886	1,621,901	58,665,608	36.2	18,772,995	735,778	19,512,278	26.5	10,009,799
1885	1,543,745	55,229,742	35.8	17,397,369	597,873	16,533,587	27.7	9,126,540
1884	1,481,828	57,696,304	38.9	19,097,476	700,472	19,119,041	27.3	10,247,806
1883	1,418,309	54,573,609	38.5	20,737,971	757,156	18,414,337	24.3	10,496,172
1882	1,387,487	50,501,701	36.4	21,715,731	848,617	24,284,407	28.6	15,784,865
Annual Averages:								
1922–1931	2,704,627	99,206,739	36.7	46,705,967	501,083	16,096,220	32.1	10,337,190
1912–1921	2,797,677	101,507,145	36.3	59,382,491	565,811	17,044,596	30.1	14,650,272
1902–1911	2,703,900	98,968,442	36.6	36,309,289	711,199	21,709,056	30.5	10,870,736
1892–1901	2,291,902	79,229,462	34.6	22,119,649	498,932	13,100,823	26.3	5,037,346
1882–1891	1,663,205	58,410,603	35.1	21,017,492	743,245	19,349,351	26.0	10,547,091
1882–1936	2,425,106	86,331,442	35.6	36,189,812	593,584	17,171,075	28.9	9,993,469

STATISTICS OF FARM CROPS

Peas and Beans

The following table gives the area, produce and market value of Peas and Beans for the years 1882 to 1936, together with the annual averages for the various periods of ten years and the average for the fifty-five years.

Years	Peas				Beans			
	Acres	Bushels	Per acre	Market value	Acres	Bushels	Per acre	Market value
				$				$
1936	66,831	815,101	12.2	1,263,360	56,344	743,037	13.2	1,501,391
1935	68,709	1,168,244	17.0	1,109,639	56,987	1,031,871	18.1	1,496,499
1934	68,811	1,156,027	16.8	983,041	49,445	692,025	14.0	878,504
1933	58,746	938,755	16.0	750,856	52,320	779,476	14.9	717,326
1932	59,535	1,071,344	18.0	696,348	61,821	1,059,559	17.1	519,132
1931	58,944	972,832	16.5	608,586	76,312	1,184,172	15.5	685,934
1930	80,093	1,581,468	19.7	1,657,822	67,540	905,498	13.4	1,306,852
1929	79,523	1,235,658	15.5	2,013,945	63,732	1,113,310	17.5	3,373,233
1928	109,887	1,892,588	17.2	2,892,490	50,953	873,427	17.1	3,343,825
1927	105,662	2,035,687	19.3	3,049,924	47,156	725,011	15.4	1,700,257
1926	97,865	1,880,301	19.2	2,831,588	51,721	819,166	15.8	1,913,221
1925	133,434	2,607,287	19.5	3,532,258	61,080	1,154,317	18.9	2,431,446
1924	130,989	2,456,164	18.8	3,712,042	52,047	856,860	16.5	1,958,602
1923	117,409	2,030,850	17.3	2,940,685	41,127	633,713	15.4	1,538,701
1922	105,544	2,076,965	19.7	2,914,720	39,999	622,781	15.6	1,579,549
1921	105,964	1,441,095	13.6	2,205,423	26,509	427,531	16.1	1,005,057
1920	109,187	2,209,523	20.2	4,270,938	22,744	380,499	16.7	1,097,137
1919	127,253	1,816,517	14.3	4,794,268	22,920	288,480	12.6	1,154,081
1918	113,862	2,381,937	20.9	5,184,332	100,082	1,387,834	13.9	6,230,007
1917	90,322	1,512,567	16.7	4,855,888	110,680	1,078,510	9.7	7,446,626
1916	95,542	1,243,979	13.4	2,618,754	53,999	583,105	10.8	3,183,086
1915	126,943	2,043,049	16.1	3,302,641	62,863	882,819	14.0	2,745,105
1914	177,856	2,609,585	14.7	3,565,974	51,149	835,895	16.3	1,787,432
1913	177,303	3,108,263	17.5	3,127,551	66,639	1,021,243	15.3	1,738,900
1912	221,524	3,667,005	16.6	4,047,354	69,703	1,182,132	17.0	2,280,173
1911	304,491	4,462,182	14.7	4,380,883	51,508	898,212	17.4	1,711,089
1910	403,414	6,016,003	14.9	4,856,986	49,778	892,927	17.9	1,386,798
1909	381,609	7,613,656	20.0	6,437,685	45,029	826,344	18.4	1,334,325
1908	396,642	7,401,336	18.7	6,121,449	46,477	783,757	16.9	1,160,103
1907	340,977	7,365,036	21.6	5,744,728	47,562	790,269	16.6	1,201,209
1906	410,356	7,388,987	18.0	5,216,625	51,272	950,312	18.5	1,320,934
1905	374,518	7,100,021	19.0	4,636,314	50,543	846,443	16.7	1,117,305
1904	339,260	6,629,866	19.5	4,176,816	50,892	912,849	17.9	1,113,676
1903	407,133	8,924,650	21.9	5,738,550	53,039	978,246	18.4	1,379,327
1902	532,639	7,664,679	14.4	5,441,922	53,964	670,633	12.4	905,355
1901	602,724	10,089,173	16.7	6,588,230	53,688	824,122	15.4	1,030,153
1900	661,592	14,058,198	21.2	8,027,231	44,053	820,373	18.6	817,912
1899	743,139	15,140,790	20.4	8,675,673	40,485	651,009	16.1	703,090
1898	865,951	13,521,263	15.6	7,058,099	45,220	759,657	16.8	531,760
1897	896,735	13,867,093	15.5	5,838,046	50,591	981,340	19.4	639,834
1896	829,601	17,493,148	21.1	7,696,985	68,369	1,197,535	17.5	819,114
1895	799,963	15,568,103	19.5	8,531,320	72,747	1,494,179	20.5	1,414,988
1894	785,007	14,022,888	17.9	7,516,268	59,281	827,514	14.0	913,575
1893	738,741	14,168,955	19.2	7,651,236	48,858	664,310	13.6	783,886
1892	774,732	14,494,430	18.7	8,551,714	33,249	535,931	16.1	529,500
1891	752,453	18,323,459	24.4	11,690,367	41,451	769,600	18.6	816,546
1890	781,206	15,389,313	19.7	9,279,756	39,456	761,341	19.3	978,323
1889	708,068	13,509,237	19.1	7,524,645	21,830	371,893	17.0	471,188
1888	696,653	14,269,863	20.5	9,332,490	22,700	534,526	23.5	607,756
1887	726,756	12,173,332	16.8	6,804,892	20,275	275,975	13.6	270,180
1886	703,936	16,043,734	22.8	8,439,004	21,072	482,072	22.9	403,494
1885	646,081	14,006,192	21.7	8,123,591	24,651	496,564	20.1	397,251
1884	570,928	13,691,607	24.0	8,817,395	24,878	592,044	23.8	698,612
1883	542,771	10,673,723	19.7	7,578,343	25,907	.....	.....	.....
1882	560,770	11,006,115	19.6	8,144,525	19,787	409,910	20.7	807,523
Annual Averages:								
1922–1931	101,935	1,876,980	18.4	2,615,406	55,167	888,826	16.1	1,983,162
1912–1921	134,576	2,203,352	16.4	3,797,312	58,729	806,805	13.7	2,866,760
1902–1911	389,104	7,056,642	18.1	5,275,196	50,006	854,999	17.1	1,263,012
1892–1901	769,819	14,242,404	18.5	7,613,480	51,654	875,597	17.0	818,381
1882–1891	668,962	13,908,658	20.8	8,573,501	26,201	469,393	17.9	545,087
1882–1936	381,211	7,236,906	19.0	5,155,494	48,991	786,585	16.1	1,452,307

STATISTICS OF FARM CROPS

Rye and Buckwheat

The following table gives the area, produce and market value of Rye and Buckwheat for the years 1882 to 1936, together with the annual averages for the various periods of ten years and the average for the fifty-five years.

Years	Rye				Buckwheat			
	Acres	Bushels	Per acre	Market value	Acres	Bushels	Per acre	Market value
				$				$
1936	53,212	893,962	16.8	751,119	196,971	3,959,741	20.1	2,732,034
1935	59,340	1,044,363	17.6	417,797	186,427	3,896,451	20.9	1,558,406
1934	55,947	865,988	15.5	475,984	213,904	4,384,994	20.5	2,060,966
1933	54,006	913,024	16.9	465,739	207,124	4,349,266	21.0	1,826,807
1932	57,500	1,024,000	17.8	378,924	196,552	4,511,006	22.9	1,579,166
1931	61,701	1,104,754	17.9	462,594	178,719	3,665,584	20.5	1,551,607
1930	52,881	937,302	17.7	454,565	275,317	5,675,616	20.6	2,935,428
1929	52,023	873,239	16.8	847,938	294,388	5,562,013	18.9	4,627,121
1928	66,307	1,131,172	17.1	1,076,724	271,243	5,692,376	21.0	4,638,578
1927	72,323	1,289,058	17.8	1,228,421	249,210	5,892,510	23.6	4,593,204
1926	86,355	1,501,390	17.4	1,309,840	234,870	4,975,192	21.2	3,830,695
1925	98,652	1,784,625	18.1	1,553,529	257,932	5,579,109	21.6	4,086,236
1924	126,641	2,299,545	18.2	2,471,369	240,552	6,449,496	26.8	5,593,465
1923	123,354	2,011,325	16.3	1,481,691	230,276	5,012,010	21.8	3,670,511
1922	152,709	2,500,354	16.4	1,959,112	197,812	4,266,215	21.6	3,137,448
1921	122,868	1,775,599	14.5	1,467,086	147,944	3,354,201	22.7	2,482,999
1920	133,090	2,349,880	17.7	3,336,240	143,204	3,190,478	22.3	3,367,161
1919	140,072	2,219,042	15.8	3,531,031	178,569	4,071,959	22.8	5,727,413
1918	112,726	1,812,909	16.1	2,750,561	223,662	4,597,990	20.6	6,207,986
1917	133,077	2,222,325	16.7	3,614,591	153,457	2,992,391	19.5	4,278,256
1916	148,738	2,354,410	15.8	2,797,290	229,205	3,261,888	14.2	3,555,699
1915	173,736	3,210,512	18.5	2,532,051	193,497	4,278,366	22.1	3,057,398
1914	138,913	2,315,532	16.7	1,965,522	177,227	4,251,421	24.0	3,041,564
1913	118,429	1,979,775	16.7	1,310,306	228,279	4,012,418	17.6	2,549,398
1912	105,949	1,839,675	17.4	1,287,208	205,893	5,414,796	26.3	2,950,001
1911	98,652	1,562,971	15.8	1,326,510	189,039	3,852,231	20.4	2,324,992
1910	95,397	1,620,333	17.0	1,024,787	194,913	4,693,881	24.1	2,346,387
1909	94,661	1,573,921	16.6	1,060,566	176,630	4,280,790	24.2	2,284,440
1908	87,908	1,453,616	16.5	1,012,953	140,605	3,323,668	23.6	1,799,890
1907	67,158	1,039,021	15.5	721,081	113,039	2,546,468	22.5	1,461,673
1906	79,870	1,327,582	16.6	808,497	106,444	1,792,903	16.8	887,487
1905	101,292	1,714,951	16.9	974,092	101,591	2,199,652	21.7	1,099,826
1904	130,702	2,001,826	15.3	1,153,052	100,608	2,066,234	20.5	1,004,190
1903	179,277	2,970,768	16.6	1,443,793	95,487	2,049,169	21.5	907,782
1902	189,318	3,509,332	18.5	1,772,213	93,324	1,911,683	20.5	917,608
1901	158,236	2,545,268	16.1	1,254,817	88,266	1,757,071	19.9	850,422
1900	142,213	2,357,635	16.6	1,143,453	102,570	1,874,261	18.3	819,052
1899	137,824	2,284,846	16.6	1,142,423	132,082	2,203,299	16.7	1,002,501
1898	165,089	2,673,234	16.2	1,162,857	150,394	2,373,645	15.8	906,732
1897	187,785	3,382,005	18.0	1,275,016	151,669	3,464,186	22.8	1,039,256
1896	148,680	2,230,873	15.0	816,500	145,606	2,603,669	17.9	794,119
1895	120,350	1,900,117	15.8	866,453	135,262	2,791,749	20.6	1,027,364
1894	90,144	1,386,606	15.4	612,880	145,268	2,534,335	17.4	993,459
1893	68,486	994,771	14.5	472,516	133,828	2,380,456	17.8	995,031
1892	73,073	1,132,504	15.5	631,937	125,104	2,521,214	20.2	1,063,952
1891	67,865	1,134,630	16.7	820,337	107,879	2,608,142	24.2	1,150,191
1890	103,061	1,563,345	15.2	823,883	90,111	2,053,720	22.8	883,100
1889	90,106	1,431,679	15.9	728,725	56,398	1,272,578	22.6	502,668
1888	84,087	1,295,302	15.4	779,772	57,528	1,222,283	21.2	602,585
1887	68,362	894,887	13.1	442,969	64,143	1,025,353	16.0	461,409
1886	67,779	1,106,462	16.3	577,573	70,792	1,678,708	23.7	565,725
1885	78,293	1,271,506	16.2	701,871	61,776	1,530,675	24.8	600,024
1884	103,416	1,648,259	15.9	984,010	65,836	1,484,570	22.5	593,828
1883	188,111	3,012,240	16.0	2,018,201	67,802	.....	.....	.....
1882	185,276	3,473,799	18.7	2,223,231	50,035	1,262,973	25.2	505,189
Annual Averages:								
1922–1931	89,295	1,543,279	17.3	1,284,578	243,032	5,277,012	21.7	3,866,429
1912–1921	132,760	2,207,966	16.6	2,459,189	188,094	3,942,591	21.0	3,721,788
1902–1911	112,424	1,877,432	16.7	1,129,754	131,168	2,871,668	21.9	1,503,428
1892–1901	129,188	2,088,786	16.2	937,885	131,005	2,450,389	18.7	949,189
1882–1891	103,636	1,683,211	16.2	1,010,057	69,230	1,413,900	20.4	586,472
1882–1936	108,237	1,795,419	16 6	1,306,269	156,841	3,284,674	20.9	2,109,644

STATISTICS OF FARM CROPS

Flax and Mixed Grains

The following table gives the area, produce and market value of Flax and Mixed Grains for the years 1907 to 1936, together with the annual averages for the various periods and for the whole term of years.

Years	Flax				Mixed Grains			
	Acres	Bushels	Per acre	Market value	Acres	Bushels	Per acre	Market value
				$				$
1936	5,289	34,423	6.5	50,819	953,079	27,830,699	29.2	14,750,022
1935	7,436	75,277	10.2	98,277	926,557	33,821,188	36.5	11,499,206
1934	5,666	56,716	10.0	75,550	941,448	32,195,970	34.2	12,878,261
1933	5,548	49,474	9.0	59,357	946,779	27,552,147	29.1	10,470,240
1932	6,280	61,569	9.8	55,540	986,161	33,327,100	33.8	10,997,537
1931	7,325	79,555	10.9	83,812	1,012,347	35,155,615	34.7	12,510,754
1930	5,235	51,257	9.8	78,809	958,086	37,512,279	39.2	13,857,314
1929	5,492	46,927	8.5	109,034	892,897	29,903,638	33.5	21,890,640
1928	7,964	67,441	8.5	141,111	905,693	33,691,418	37.2	23,420,648
1927	7,080	68,173	9.6	121,004	799,333	31,918,944	39.9	22,882,169
1926	7,712	75,736	9.8	148,149	770,981	28,577,629	37.1	18,697,998
1925	9,789	123,134	12.6	262,386	681,624	28,246,057	41.4	16,559,729
1924	6,619	77,801	11.8	162,590	645,622	26,403,332	40.9	18,231,508
1923	6,766	68,684	10.2	140,376	648,934	23,880,889	36.8	14,290,315
1922	4,556	48,662	10.7	106,046	552,399	21,270,479	38.5	11,882,085
1921	7,534	66,748	8.9	130,995	618,289	16,188,510	26.2	10,579,352
1920	21,053	224,893	10.7	515,983	581,689	25,712,447	44.2	20,556,442
1919	13,717	129,461	9.4	670,608	628,761	19,735,287	31.4	26,403,773
1918	15,925	196,221	12.3	*1,224,783	619,389	27,462,374	44.3	28,253,556
1917	7,372	.....	....	.....	515,593	20,102,421	39.0	20,876,501
1916	5,880	.....	....	.....	485,986	13,297,354	27.4	12,485,065
1915	5,334	.....	....	.....	475,738	19,461,609	40.9	10,602,271
1914	6,025	.....	....	.....	456,631	16,854,550	36.9	10,074,687
1913	7,431	.....	....	.....	414,517	15,113,480	36.5	7,953,111
1912	9,125	.....	....	.....	448,402	16,382,161	36.5	8,674,724
1911	12,128	.....	....	.....	486,112	14,845,595	30.5	9,104,141
1910	12,021	.....	....	.....	497,936	18,261,803	36.7	9,187,822
1909	11,253	.....	....	.....	474,530	16,199,434	34.1	8,825,196
1908	8,562	.....	....	.....	456,049	15,354,350	33.7	8,444,893
1907	9,296	.....	....	.....	443,100	14,202,511	32.1	7.811,381
Annual Averages:								
1922–1931	6,854	70,737	10.3	135.332	786,792	29,666,028	37.7	17,422,316
1912–1921	9,940	.....	....	.....	524,500	19,031,019	36.3	15,645,948
1907–1911	10,652	.....	....	.....	471,545	15,772,739	33.4	8,674,687
1907–1936	8,380	.....	....	.....	674,155	24,015,709	35.6	14,488,378

*Including seed of fibre variety commandeered and shipped to Ireland to the value of $930,769.

No estimates of yields of flax were made previous to 1918. The average for the nineteen years, 1918–1936, was 8,262 acres, yielding 84,324 bushels, valued at $222,907.

Tobacco

The following table gives the estimated area and production of Tobacco for the years 1922 to 1936, together with the annual average for this period.

Years	Acres	Pounds	Per acre
1936	45,746	35,500,000	776
1935	41,428	48,492,220	1,171
1934	32,300	31,400,000	940
1933	39,326	32,996,200	839
1932	45,106	45,759,830	1,014
1931	47,360	44,770,000	945
1930	27,376	27,546,447	1,006
1929	23,073	20,693,776	897
1928	33,977	35,585,848	1,047
1927	34,555	39,520,986	1,144
1926	19,992	25,557,724	1,278
1925	12,719	15,315,935	1,204
1924	12,399	14,525,471	1,172
1923	8,630	10,797,228	1,251
1922	9,189	10,031,870	1,202
Annual Averages:			
1922–1931	22,927	24,534,529	1,070
1922–1936	28,878	29,299,569	1,015

STATISTICS OF FARM CROPS

Husking Corn and Silo Corn

The following table gives the area, produce and market value of *Corn (for husking and for silo) for the years 1892 to 1936, together with the annual averages for the various periods of ten years and the average for the forty-five years.

Years	Corn for Husking				Corn for Silo			
	Acres	Bushels (shelled)	Per acre	Market value	Acres	Tons (green)	Per acre	Market value
				$				$
1936	164,399	6,082,942	37.0	4,136,165	306,934	2,470,816	8.05	7,858,238
1935	167,710	7,764,981	46.3	3,494,268	324,799	3,033,659	9.34	9,100,977
1934	161,137	6,797,863	42.2	4,419,012	323,173	2,990,000	9.25	11,960,000
1933	136,596	5,054,297	37.0	2,830,032	286,021	2,440,009	8.53	7,320,027
1932	130,257	5,056,623	38.8	2,275,625	285,343	2,573,977	9.02	6,434,943
1931	123,960	5,434,159	43.9	2,157,322	264,286	2,301,527	8.71	9,206,108
1930	130,094	5,148,898	39.6	3,569,682	311,817	2,619,049	8.40	10,476,196
1929	120,000	4,449,961	32.1	4,460,367	287,566	2,221,467	7.73	9,574,523
1928	110,192	4,614,567	41.9	4,714,511	299,307	2,685,727	8.97	11,199,482
1927	102,626	3,632,809	35.4	3,613,287	326,964	2,490,660	7.62	10,012,453
1926	179,325	6,886,293	38.4	5,529,069	367,772	3,497,071	9.51	15,736,820
1925	207,767	9,736,311	46.9	8,131,617	373,133	3,614,233	9.69	15,360,490
1924	263,615	11,141,331	42.3	11,737,059	403,060	3,977,017	9.87	17,896,577
1923	285,335	12,861,496	45.1	9,710,461	409,628	3,651,102	8.91	14,604,408
1922	265,018	12,306,242	46.5	8,609,503	438,819	4,413,191	10.06	17,652,764
1921	250,684	13,542,441	54.0	8,012,455	438,343	5,015,082	11.44	25,075,410
1920	243,909	12,914,851	52.9	12,867,119	449,176	4,668,054	10.39	23,340,270
1919	221,004	10,101,650	45.7	16,400,838	399,549	4,013,946	10.05	20,069,730
1918	195,310	8,676,715	44.4	13,650,415	380,946	3,944,313	10.35	17,749,409
1917	258,935	7,675,675	29.7	14,278,407	511,329	4,587,176	8.97	18,348,704
1916	258,332	8,478,048	32.8	9,446,060	439,411	3,276,185	7.46	10,647,610
1915	309,773	14,506,997	46.8	9,885,292	443,736	4,874,377	10.98	12,185,943
1914	290,817	15,488,240	53.3	10,622,455	418,105	4,751,223	11.36	11,878,058
1913	299,871	14,809,343	49.4	9,545,538	388,138	4,059,345	10.46	10,148,363
1912	301,251	14,646,312	48.6	8,162,565	377,982	3,969,597	10.50	9,923,993
1911	308,350	14,608,860	47.8	9,693,994	335,935	3,764,227	11.21	9,410,568
1910	320,519	16,600,257	51.8	9,301,245	326,627	3,788,364	11.60	7,576,728
1909	322,789	15,079,793	46.7	9,705,826	288,346	3,374,655	11.70	6,749,310
1908	299,690	15,734,081	52.5	9,440,336	233,753	2,729,265	11.68	5,458,530
1907	338,573	14,599,644	43.1	6,219,448	200,354	2,029,547	10.13	4,059,094
1906	289,456	15,992,455	55.3	9,019,744	180,796	2,149,413	11.89	4,298,826
1905	295,005	13,948,613	47.3	7,720,557	184,784	2,284,812	12.36	4,569,624
1904	329,882	13,494,609	40.9	7,570,476	193,115	2,023,340	10.48	4,046,680
1903	378,924	19,525,259	51.5	10,807,230	209,727	2,564,400	12.23	5,128,800
1902	371,959	13,674,796	36.7	8,327,951	209,859	2,611,334	12.44	5,222,668
1901	323,923	16,558,737	51.1	9,438,480	197,932	2,359,514	11.92	4,719,028
1900	330,772	18,062,374	54.6	8,588,659	179,798	2,147,532	11.94	4,295,064
1899	333,590	14,448,823	43.3	4,291,300	171,935	1,697,755	9.87	3,395,510
1898	330,748	15,628,395	47.3	4,711,961	189,948	2,128,073	11.20	4,256,146
1897	335,030	16,442,665	49.1	4,858,808	209,005	2,669,822	12.77	5,339,644
1896	317,667	16,047,576	50.5	4,717,987	178,962	1,948,780	10.89	3,897,560
1895	302,929	16,546,599	54.6	5,609,297	149,899	1,775,654	11.85	3,551,308
1894	267,348	10,850,235	40.6	4,247,867	111,361	1,049,765	9.43	2,099,530
1893	217,294	9,381,974	43.2	3,729,335	95,865	1,049,524	10.95	2,099,048
1892	181,463	7,486,332	41.3	2,953,358	91,403	948,907	10.38	1,897,814
Annual Averages:								
1922–1931	178,793	7,621,207	42.6	6,223,288	348,235	3,147,104	9.04	13,171,982
1912–1921	262,989	12,084,027	45.9	11,287,114	424,672	4,315,930	10.16	15,936,749
1902–1911	325,515	15,325,837	47.1	8,780,681	236,330	2,731,936	11.56	5,652,083
1892–1901	294,076	14,145,371	48.1	5,314,705	157,611	1,777,533	11.28	3,555,065
1892–1936	252,752	11,611,580	45.9	7,404,733	293,439	2,960,744	10.09	9,462,955

*The combined average area for corn for the ten years, 1882–1891, was 195,878 acres, the average value of the produce for the same period being $3,704,614. The combined average for corn for the fifty-five years, 1882–1936, was 482,315 acres, the average value of the produce for the same period being $14,474,402.

STATISTICS OF FARM CROPS

Potatoes and Turnips

The following table gives the area, produce and market value of Potatoes and Turnips for the years 1882 to 1936, together with the annual averages for the various periods of ten years and the average for the fifty-five years.

Years	Potatoes				Turnips			
	Acres	Hundred-weight	Per acre	Market value	Acres	Bushels	Per acre	Market value
				$				$
1936	145,046	8,700,037	60.0	11,744,902	61,902	23,226,804	375	3,215,753
1935	149,245	7,877,771	52.8	7,878,163	62,248	21,786,804	350	2,614,416
1934	164,325	11,829,864	72.0	6,506,762	65,021	25,368,247	390	3,550,155
1933	157,536	8,694,295	55.2	8,694,061	66,100	20,228,057	306	2,427,366
1932	156,252	9,515,764	60.9	6,565,765	65,952	25,456,398	386	2,036,511
1931	168,158	12,015,901	71.5	4,735,770	68,323	23,489,120	344	2,348,912
1930	159,192	10,965,033	68.9	10,906,175	74,133	25,386,998	342	5,077,400
1929	148,435	8,484,053	57.2	15,271,732	72,502	22,848,692	315	4,569,738
1928	181,241	11,275,111	62.2	11,052,928	71,791	34,323,412	478	6,864,682
1927	159,871	9,297,184	58.2	13,662,224	68,479	29,452,281	430	5,448,672
1926	153,468	9,897,774	64.5	18,627,771	71,500	23,204,013	325	4,640,803
1925	163,790	9,428,872	57.6	21,513,125	73,318	28,015,466	382	5,042,784
1924	169,145	14,979,918	88.6	13,355,441	70,110	32,547,607	464	5,533,093
1923	164,682	11,479,188	69.7	14,306,447	65,193	27,099,910	416	5,419,982
1922	172,858	12,209,725	70.6	10,385,525	67,635	29,923,528	442	5,984,706
1921	164,096	9,240,085	56.3	13,589,599	70,715	24,265,547	343	6,673,025
1920	157,509	14,377,025	91.3	23,776,530	80,588	40,141,406	498	11,038,887
1919	157,286	9,086,953	57.8	25,026,467	85,312	28,740,526	337	7,903,645
1918	166,203	11,625,568	69.9	19,238,431	85,449	42,190,382	494	10,547,596
1917	146,481	10,975,041	74.9	22,530,291	93,034	39,989,556	430	7,997,911
1916	139,523	4,445,057	31.9	9,684,215	91,670	24,067,699	263	3,369,478
1915	173,934	7,960,214	45.8	10,805,026	97,451	46,598,851	478	4,659,885
1914	167,591	16,030,552	95.7	11,747,332	95,371	46,336,708	486	4,633,671
1913	159,661	11,414,469	71.5	12,114,656	97,572	41,889,894	429	4,188,989
1912	158,888	12,807,836	80.6	13,604,052	101,529	49,561,566	488	4,956,157
1911	162,457	8,351,219	51.4	11,722,539	100,593	39,664,275	394	3,966,428
1910	168,454	13,156,682	78.1	10,798,597	108,360	49,425,472	456	4,942,547
1909	169,695	14,787,170	87.1	8,989,452	113,400	50,738,940	447	5,073,894
1908	166,974	11,110,585	66.5	8,874,201	120,920	41,210,189	341	4,121,019
1907	177,186	12,034,605	67.9	11,693,625	123,011	48,205,605	392	4,820,561
1906	136,064	9,012,179	66.2	8,080,921	132,512	57,060,151	431	5,706,015
1905	132,530	8,619,629	65.0	6,608,383	135,348	57,654,086	426	5,765,409
1904	133,819	9,287,473	69.4	7,847,915	133,207	64,861,703	487	6,486,170
1903	139,011	10,005,868	72.0	7,354,313	134,469	69,316,341	515	6,931,634
1902	144,733	7,765,501	53.7	7,312,514	136,725	71,740,204	525	7,174,020
1901	154,155	10,869,982	70.5	7,717,687	145,909	68,287,467	468	6,828,747
1900	163,754	12,885,863	78.7	5,605,351	156,583	59,330,395	379	5,933,040
1899	168,148	11,960,020	71.1	6,538,144	153,440	58,078,390	379	5,807,839
1898	169,946	8,615,175	50.7	6,332,154	151,601	64,727,882	427	6,472,788
1897	169,333	9,660,478	57.1	6,424,218	149,336	68,297,148	457	6,829,715
1896	178,965	12,783,286	71.4	5,582,035	148,234	69,814,841	471	6,981,484
1895	184,647	17,634,530	95.5	5,936,959	151,806	63,496,702	418	6,349,670
1894	167,253	10,297,878	61.6	6,075,748	147,657	61,694,487	418	6,169,449
1893	142,601	7,746,727	54.3	5,099,929	136,604	56,975,355	417	5,697,535
1892	145,703	7,373,890	50.6	6,194,068	129,627	63,541,641	490	6,354,164
1891	160,218	14,433,532	90.1	7,842,219	126,075	68,853,452	546	6,885,345
1890	158,094	10,536,670	66.6	7,779,575	111,055	47,040,563	424	4,704,056
1889	145,812	8,613,317	59.1	6,531,766	111,103	37,021,260	333	3,702,126
1888	153,915	13,364,164	86.8	7,060,733	113,188	47,640,237	421	4,764,024
1887	140,283	6,406,800	45.7	6,705,784	105,322	31,413,456	298	3,141,346
1886	140,143	9,607,415	68.6	7,189,548	98,931	47,061,053	476	4,706,105
1885	159,741	12,654,686	79.2	8,668,460	102,303	41,137,735	402	4,113,774
1884	168,757	16,527,757	97.9	11,018,504	104,190	44,406,363	426	4,440,636
1883	166,823	9,840,469	59.0	10,168,485	98,429	29,879,354	304	2,987,935
1882	160,700	11,059,287	68.8	11,796,573	78,823	35,359,331	448	3,535,933
Annual Averages:								
1922–1931	164,084	11,063,276	67.4	13,381,714	70,298	27,629,103	393	5,093,077
1912–1921	159,117	10,796,280	67.9	16,211,660	89,869	38,378,214	427	6,596,924
1902–1911	153,092	10,413,091	68.0	8,928,246	123,855	54,987,697	444	5,498,770
1892–1901	164,451	10,982,783	66.8	6,150,629	147,080	63,424,431	431	6,342,443
1882–1891	155,449	11,304,410	72.7	8,476,165	104,943	42,981,280	410	4,298,128
1882–1936	158,806	10,767,566	67.8	10,415,877	103,303	43,455,700	421	5,312,248

STATISTICS OF FARM CROPS

Mangels and Sugar Beets

The following table gives the area, produce and market value of Mangels for the years 1882 to 1936, and of Sugar Beets for the years 1907 to 1936, together with the annual averages for the various periods of ten years and the average for the full period.

Years	Mangels				Sugar Beets			
	Acres	Bushels	Per acre	Market value	Acres	Tons	Per acre	Market value
				$				$
1936	32,408	12,941,428	399	1,811,800	37,564	390,667	10.40	2,078,348
1935	33,829	12,787,436	378	1,534,492	39,892	339,086	8.50	1,800,547
1934	33,079	13,826,991	418	1,935,779	37,575	255,695	6.80	1,457,462
1933	32,071	10,785,774	336	1,294,293	31,904	319,040	10.00	1,993,966
1932	31,797	12,781,446	402	1,022,515	33,256	332,560	10.00	1,745,939
1931	32,399	11,855,500	366	1,185,550	35,258	327,899	9.30	1,965,880
1930	29,055	10,626,135	366	2,125,227	38,220	340,158	8.90	2,333,909
1929	30,395	9,728,083	320	1,945,617	36,864	303,391	8.23	2,022,347
1928	33,567	14,738,443	439	2,947,689	45,294	380,470	8.40	2,757,898
1927	34,665	13,494,700	389	2,496,520	38,503	336,131	8.73	2,606,653
1926	34,009	13,548,484	398	2,709,697	41,594	471,260	11.33	3,766,217
1925	35,385	14,881,069	421	2,678,592	37,718	416,784	11.05	3,003,608
1924	35,958	15,616,128	434	2,654,742	36,080	333,740	9.25	2,272,570
1923	35,118	14,865,791	423	2,973,158	22,450	216,194	9.63	1,729,523
1922	35,274	16,366,353	464	3,273,271	20,725	190,256	9.18	1,523,246
1921	31,225	11,909,854	381	3,275,210	28,367	268,068	9.45	2,946,068
1920	36,450	17,174,290	471	4,722,930	36,288	412,957	11.38	4,536,693
1919	35,010	13,409,270	383	3,687,549	24,500	239,610	9.78	2,636,286
1918	40,714	18,244,453	448	4,561,113	22,894	235,350	10.28	2,349,535
1917	49,148	19,492,626	397	3,898,525	22,039	169,700	7.70	1,356,223
1916	42,793	9,756,015	228	1,365,842	22,482	150,629	6.70	843,351
1915	50,799	25,356,323	498	2,028,506	22,890	216,311	9.45	1,080,535
1914	50,663	25,439,520	502	2,035,162	18,534	186,823	10.08	933,352
1913	54,568	21,935,847	402	1,754,868	19,083	159,916	8.38	798,647
1912	60,103	27,671,114	460	2,213,689	21,054	195,381	9.28	977,383
1911	64,855	28,126,313	434	2,250,105	24,664	223,949	9.08	1,117,707
1910	68,966	34,686,137	503	2,774,891	26,879	280,886	10.45	1,348,629
1909	70,488	28,928,347	410	2,314,267	19,812	174,940	8.83	840,188
1908	67,937	29,870,966	440	2,389,677	17,453	175,054	10.03	840,570
1907	68,644	30,260,315	441	2,420,825	16,851	206,088	12.23	988,445
1906	69,352	32,863,192	474	2,629,055	.....	.....	.....	.....
1905	69,035	33,216,930	481	2,657,354	.....	.....	.....	.....
1904	71,344	33,595,440	471	2,687,635	.....	.....	.....	.....
1903	80,918	41,768,239	516	3,341,459	.....	.....	.....	.....
1902	76,553	39,140,924	511	3,131,274	.....	.....	.....	.....
1901	61,095	29,683,324	486	2,374,666	.....	.....	.....	.....
1900	54,543	24,728,525	453	1,978,282	.....	.....	.....	.....
1899	53,401	20,898,387	391	1,671,871	.....	.....	.....	.....
1898	47,923	21,957,564	458	1,756,605	.....	.....	.....	.....
1897	41,175	18,103,387	440	1,448,271	.....	.....	.....	.....
1896	36,101	16,849,401	467	1,347,952	.....	.....	.....	.....
1895	34,383	15,961,502	464	1,276,920	.....	.....	.....	.....
1894	27,670	11,532,127	417	922,570	.....	.....	.....	.....
1893	21,519	8,582,568	399	686,605	.....	.....	.....	.....
1892	22,026	10,350,474	470	828,038	.....	.....	.....	.....
1891	22,961	11,779,448	513	942,356	.....	.....	.....	.....
1890	25,953	11,594,518	447	927,561	.....	.....	.....	.....
1889	21,211	7,223,478	341	577,878	.....	.....	.....	.....
1888	21,459	10,020,659	467	801,653	.....	.....	.....	.....
1887	17,924	5,695,761	318	455,661	.....	.....	.....	.....
1886	18,170	8,787,743	484	703,019	.....	.....	.....	.....
1885	16,435	7,660,729	466	612,858	.....	.....	.....	.....
1884	18,341	8,655,184	472	692,415	.....	.....	.....	.....
1883	17,219	6,252,015	363	500,161	.....	.....	.....	.....
1882	15,792	7,711,420	488	616,913	.....	.....	.....	.....
Annual Averages:								
1922–1931	33,583	13,572,069	404	2,499,006	35,271	331,547	9.40	2,398,185
1912–1921	45,147	19,038,931	422	2,954,339	23,813	223,366	9.38	1,845,807
1902–1911	70,809	33,245,680	470	2,659,654	*21,132	*212,377	*10.05	*1,027,108
1892–1901	39,984	17,864,726	447	1,429,178	.....	.....	.....	.....
1882–1891	19,546	8,538,096	437	683,048	.....	.....	.....	.....
1882–1936	40,980	17,922,147	437	1,997,293	†29,223	†274,911	†9.41	†1,888,391

*1907–11. †1907–36.

STATISTICS OF FARM CROPS

Alfalfa and Hay and Clover

The following table gives the area, produce and market value of Alfalfa for the years 1912 to 1936, and of Hay and Clover for the years 1882 to 1936, together with the annual averages for the various periods of ten years and the average for the whole period.

Years	Alfalfa				Hay and Clover			
	Acres	Tons	Per acre	Market value	Acres	Tons	Per acre	Market value
				$				$
1936	666,374	1,519,010	2.28	13,276,250	†2,510,329	3,936,141	1.57	34,612,053
1935	588,911	1,519,349	2.58	11,499,393	†2,529,452	4,603,677	1.82	32,593,451
1934	510,215	934,035	1.83	12,559,686	†2,618,811	2 775,995	1.06	35,032,423
1933	560,518	1,300,039	2.32	10,023,129	†2,769,610	4,127,139	1.49	34,708,446
1932	527,793	1,403,923	2.66	11,527,009	†2,780,349	4,420,718	1.59	32,005,889
1931	431,110	971,304	2.25	9,816,770	†2,858,923	4,615,372	1.61	38,906,045
1930	641,686	1,409,528	2.20	16,065,846	†2,849,702	4,353,094	1.53	45,365,729
1929	685,880	1,596,212	2.33	19,546,701	†2,915,221	4,661,660	1.60	52,573,554
1928	743,230	1,730,135	2.33	20,020,248	†2,811,076	4,455,615	1.59	50,026,378
1927	806,397	1,865,868	2.31	21,915,225	†2,832,813	4,914,515	1.73	54,161,232
1926	748,473	1,850,392	2.47	25,889,781	†2,889,143	4,248,048	1.47	54,154,454
1925	550,645	1,397,462	2.54	19,306,047	†3,022,507	4,181,206	1.38	50,738,655
1924	381,258	1,067,717	2.80	12,252,536	3,545,856	5,615,238	1.58	61,283,373
1923	299,610	788,431	2.63	8,915,438	3,596,484	5,799,422	1.61	64,069,155
1922	221,326	629,135	2.84	7,439,403	3,575,662	5,568,459	1.56	66,964,036
1921	177,205	456,378	2.58	8,023,795	3,551,655	3,954,166	1.11	76,193,216
1920	162,820	399,581	2.45	10,172,434	3,533,740	4,459,094	1.26	109,036,159
1919	146,790	314,419	2.14	7,293,462	3,508,266	5,588,804	1.59	126,750,915
1918	144,010	328,971	2.28	6,579,420	3,470,036	4,596,854	1.32	83,344,591
1917	189,109	462,956	2.45	5,460,205	3,358,579	6,156,340	1.83	72,705,998
1916	177,565	460,788	2.60	4,822,622	3,294,419	6,739,259	2.05	71,503,879
1915	165,284	428,739	2.59	6,044,599	3,066,468	3,825,024	1.25	55,660,170
1914	163,685	372,759	2.28	5,195,667	3,251,799	3,469,795	1.07	50,721,713
1913	167,707	380,606	2.27	5,090,267	3,261,139	3,543,957	1.09	46,212,298
1912	189,959	460,201	2.42	5,542,772	3,177,410	4,760,512	1.50	55,906,657
1911	.....	.....	....	.....	3,301,468	4,238,362	1.28	55,767,671
1910	.....	.....	....	.....	3,204,021	5,492,653	1.71	54,407,105
1909	.....	.....	....	.....	3,228,445	3,885,145	1.20	49,754,078
1908	.....	.....	....	.....	3,253,141	4,635,287	1.42	47,696,579
1907	.....	.....	....	.....	3,289,552	3,891,863	1.18	58,806,050
1906	.....	.....	....	.....	3,069,917	4,684,625	1.53	42,630,087
1905	.....	.....	....	.....	3,020,365	5,847,494	1.94	45,142,654
1904	.....	.....	....	.....	2,926,207	5,259,189	1.80	41,915,736
1903	.....	.....	....	.....	2,783,565	4,336,562	1.56	34,432,302
1902	.....	.....	....	.....	2,646,202	4,955,438	1.87	40,386,820
1901	.....	.....	....	.....	2,557,263	4,632,317	1.81	37,012,213
1900	.....	.....	....	.....	2,526,566	3,133,045	1.24	26,568,222
1899	.....	.....	....	.....	2,505,422	3,498,705	1.40	27,010,003
1898	.....	.....	....	.....	2,453,503	4,399,063	1.79	27,362,172
1897	.....	.....	....	.....	2,341,488	3,811,518	1.63	27,366,699
1896	.....	.....	....	.....	2,426,711	2,260,240	.93	21,879,123
1895	.....	.....	....	.....	2,537,674	1,849,914	.73	22,753,942
1894	.....	.....	....	.....	2,576,943	3,575,200	1.39	27,028,512
1893	.....	.....	....	.....	2,766,894	4,963,557	1.79	37,921,575
1892	.....	.....	....	.....	2,515,367	4,384,838	1.74	35,955,672
1891	.....	.....	....	.....	2,549,975	2,392,798	.94	28,498,224
1890	.....	.....	....	.....	2,462,002	4,305,915	1.75	34,232,024
1889	.....	.....	....	.....	2,386,223	3,728,313	1.56	37,208,564
1888	.....	.....	....	.....	2,292,638	2,009,017	.88	33,570,674
1887	.....	.....	....	.....	2,280,643	3,093,610	1.36	35,947,748
1886	.....	.....	....	.....	2,295,151	2,994,446	1.35	29,016,182
1885	.....	.....	....	.....	2,268,091	3,252,155	1.43	32,033,727
1884	.....	.....	....	.....	2,193,369	3,044,912	1.39	29,109,359
1883	.....	.....	....	.....	2,350,969	4,115,535	1.75	37,122,126
1882	.....	.....	....	.....	1,825,890	2,090,626	1.14	24,125,824
Annual Averages								
1922–1931	550,962	1,330,618	2.42	16,116,800	3,141,888	4,946,462	1.57	54,824,511
1912–1921	168,413	406,540	2.41	6,422,524	3,347,351	4,709,381	1.41	74,803,560
1902–1911	.....	.....	....	.....	*3,072,288	4,722,662	1.54	47,093,908
1892–1901	.....	.....	....	.....	*2,520,783	3,650,840	1.45	29,085,813
1882–1891	.....	.....	....	.....	*2,290,495	3,102,733	1.35	32,086,445
1882–1936	‡401,902	961,918	2.39	11,371,149	2,843,911	4,154,401	1.46	46,143,493

*Including Alfalfa. †Exclusive of Alsike and Sweet Clover, previously included. ‡1912-36.

STATISTICS OF FARM CROPS

Carrots and all Field Crops

The following table gives the area, produce and market value of Carrots and of all Field Crops for the years 1882 to 1936, together with the annual averages for the various periods of ten years and the average for the whole period.

Years	Carrots				All Field Crops		
	Acres	Bushels	Per acre	Market value	Acres	Value	Per acre
				$		$	$ c.
1936	1,931	313,854	163	43,940	9,119,007	162,333,522	17.80
1935	2,075	352,761	170	42,331	9,106,295	131,260,274	14.41
1934	2,140	386,800	181	54,152	8,999,999	143,755,962	15.97
1933	2,086	271,229	130	32,547	9,194,940	124,679,714	13.56
1932	2,238	349,175	156	27,934	9,225,680	114,150,521	12.37
1931	3,179	436,517	137	43,652	9,176,062	125,219,586	13.65
1930	1,772	236,642	134	47,328	10,009,097	173,498,548	17.33
1929	1,777	222,903	125	44,581	10,020,294	236,651,277	23.62
1928	2,002	317,998	159	63,600	10,357,960	244,445,136	23.60
1927	1,743	286,863	165	53,070	10,305,045	256,627,042	24.90
1926	1,672	253,966	152	50,793	10,434,401	257,686,886	24.70
1925	1,835	325,478	177	58,586	10,364,317	261,490,292	25.23
1924	2,128	402,446	189	68,416	10,264,614	264,370,642	25.76
1923	1,780	285,270	160	57,054	10,296,961	219,114,500	21.28
1922	2,124	472,643	223	94,529	10,258,613	223,342,150	21.77
1921	2,217	410,501	185	112,888	10,075,073	222,177,881	22.05
1920	2,706	674,101	249	185,378	10,108,272	367,608,619	36.37
1919	2,706	605,803	224	166,596	9,915,884	397,238,400	40.06
1918	2,706	689,557	255	172,389	9,992,825	363,909,778	36.42
1917	2,920	758,292	260	151,658	9,718,259	333,353,438	34.30
1916	2,391	331,124	138	46,357	9,548,876	223,748,948	23.43
1915	2,439	686,232	281	85,779	9,762,951	210,674,415	21.58
1914	2,448	766,170	313	95,771	9,621,444	199,152,945	20.70
1913	2,400	592,016	247	74,002	9,541,537	168,455,253	17.65
1912	2,742	747,207	273	93,401	9,574,474	185,790,341	19.40
1911	3,207	815,129	254	101,891	9,718,741	179,974,358	18.52
1910	3,551	1,049,348	296	131,169	9,725,684	175,115,742	18.01
1909	3,506	1,001,653	286	125,207	9,578,323	167,966,577	17.54
1908	4,080	1,120,145	275	140,018	9,621,683	164,077,282	17.05
1907	4,530	1,585,500	350	198,187	9,750,615	176,354,759	18.09
1906	4,980	1,598,698	321	199,837	8,962,925	144,570,075	16.13
1905	5,509	1,846,659	335	230,832	8,897,898	142,804,431	16.05
1904	6,634	2,022,945	305	252,868	8,673,525	134,304,690	15.48
1903	7,805	2,612,778	335	326,597	8,731,405	136,657,807	15.65
1902	8,625	3,227,161	374	403,395	8,677,988	146,421,171	16.87
1901	9,221	3,199,967	347	399,996	8,667,512	128,325,648	14.81
1900	10,320	3,469,123	336	433,640	8,794,953	114,758,761	13.05
1899	11,891	3,674,035	309	459,254	8,753,926	105,771,321	12.08
1898	12,418	4,313,861	347	539,233	8,835,272	110,528,947	12.51
1897	12,025	4,433,628	369	554,204	8,701,705	106,952,471	12.29
1896	12,333	4,618,441	374	577,305	8,511,444	88,900,135	10.44
1895	13,002	4,581,373	352	572,672	8,321,173	99,655,895	11.98
1894	11,186	3,716,140	332	464,518	8,227,153	94,055,392	11.43
1893	9,288	2,971,450	320	371,431	8,054,612	101,886,557	12.65
1892	9,941	3,827,361	385	478,420	8,080,206	110,562,493	13.68
1891	9,858	3,814,016	387	476,752	7,834,213	130,866,023	16.70
1890	11,977	4,210,542	352	526,318	7,912,297	114,382,305	14.46
1889	11,261	3,431,959	305	428,995	7,758,583	106,500,799	13.73
1888	11,524	3,898,584	338	487,323	7,616,350	124,244,503	16.31
1887	9,110	2,105,686	231	263,210	7,429,084	99,583,524	13.40
1886	9,267	3,478,751	375	434,844	7,403,281	104,001,865	14.05
1885	9,024	3,462,319	384	432,790	7,350,443	110,068,586	14.97
1884	10,987	4,197,200	382	524,650	7,203,958	120,615,798	16.74
1883	11,270	3,984,436	354	498,055	7,542,623	114,754,141	15.21
1882	9,955	4,009,975	403	501,247	7,125,223	136,939,533	19.22
Annual Averages:							
1922–1931	2,001	324,073	162	58,164	10,148,736	225,244,606	22.19
1912–1921	2,568	626,100	244	118,422	*9,785,960	*267,211,002	27.31
1902–1911	5,243	1,688,002	322	211,000	9,233,879	156,824,689	16.98
1892–1901	11,163	3,880,538	348	485,068	8,494,796	106,139,762	12.49
1882–1891	10,423	3,659,347	351	457,417	7,517,606	116,195,708	15.48
1882–1936	5,899	1,880,989	319	245,483	9,044,649	170,951,594	18 90

*Including Flax, 1918–1921.

No statistics of "mixed grains" were taken previous to 1907, when an acreage of 443,100 was estimated.

STATISTICS OF FARM CROPS

The following table gives the area in Cleared Pasture, Summer Fallow, Orchards and Small Fruits, for the years 1909 to 1936. Strawberries and Vineyard for the years 1925–1936.

Years	Pasture (cleared)	Summer fallow	Orchard	Small fruits	Straw-berries	Vineyard
	acres	acres	acres	acres	acres	acres
1936	2,828,310	197,420	184,218	13,549	8,962	15,318
1935	2,831,416	189,883	186,112	13,380	8,861	14,871
1934	2,908,275	210,525	196,612	13,126	8,253	15,106
1933	2,995,468	215,126	197,246	13,547	8,565	15,328
1932	3,012,529	221,696	203,794	14,059	8,719	15,189
1931	3,039,026	221,174	203,231	14,206	8,012	15,793
1930	3,149,460	247,067	212,232	12,376	7,286	11,586
1929	3,134,614	247,802	214,370	12,367	7,613	11,255
1928	3,000,172	211,015	207,003	12,733	7,773	8,855
1927	3,012,786	212,906	211,225	13,437	7,836	7,905
1926	3,077,424	189,488	215,779	13,672	7,274	7,545
1925	3,193,941	162,649	223,343	14,147	7,185	6,558
1924	3,317,532	179,527	229,708	27,315	.....	.....
1923	3,472,642	186,123	235,349	27,497	.....	.....
1922	3,401,033	198,841	239,914	27,242	.....	.....
1921	3,401,998	260,277	242,921	26,175	.....	.....
1920	3,432,620	216,377	248,395	25,635	.....	.....
1919	3,499,802	276,337	257,006	25,244	.....	.....
1918	3,561,754	248,463	265,678	24,596	.....	.....
1917	3,509,945	232,679	280,326	21,964	.....	.....
1916	3,409,581	331,736	280,653	22,817	.....	.....
1915	3,350,420	226,217	288,825	23,443	.....	.....
1914	3,302,503	268,714	298,627	23,863	.....	.....
1913	3,120,146	268,487	306,764	24,360	.....	.....
1912	3,082,671	278,317	310,096	24,699	.....	.....
1911	3,116,768	279,220	303,188	25,360	.....	.....
1910	3,159,712	254,038	298,347	24,384	.....	.....
1909	3,180,780	231,707	300,364	24,614	.....	.....

1909–1924 Strawberries and Vineyard included in Small Fruits.

STATISTICS OF FARM CROPS

Alsike and Sweet Clover

The following table gives the area, produce and market value of Alsike and Sweet Clover for the years 1925 to 1936.

Years	Alsike				Sweet Clover			
	Acres	Tons	Per acre	Market value	Acres	Tons	Per acre	Market value
				$				$
1936	78,570	102,277	1.30	711,660	309,407	598,902	1.94	2,977,973
1935	59,071	90,969	1.54	559,749	289,956	693,022	2.39	2,966,209
1934	67,386	73,503	1.09	844,704	284,224	502,960	1.77	4,728,875
1933	92,306	125,844	1.36	882,624	303,072	630,039	2.08	3,244,726
1932	95,113	143,668	1.51	918,106	318,552	705,119	2.21	3,701,809
1931	97,128	152,516	1.57	1,276,341	306,067	669,446	2.19	4,519,783
1930	141,480	206,020	1.46	2,010,571	338,234	704,281	2.08	5,363,894
1929	189,848	289,560	1.53	2,958,780	388,106	803,576	2.07	6,595,169
1928	155,867	235,325	1.51	2,457,119	413,468	924,608	2.24	7,067,707
1927	176,870	290,345	1.64	2,991,247	400,296	927,342	2.32	7,075,797
1926	129,477	179,664	1.39	2,217,556	365,102	810,852	2.22	7,222,221
1925	177,382	259,649	1.46	2,855,850	344,114	792,340	2.30	7,144,050

STATISTICS OF FARM CROPS

Ratios of Area under Crop

The following table shows the number of acres under the various crops per 1,000 acres of cleared land for the years 1882 to 1936, together with the annual averages for the various periods of ten years and for the whole term of years.

Year	Fall Wheat	Spring Wheat	Barley	Oats	Peas	Beans	Rye	Buckwheat	Corn	Potatoes	*Roots	Hay and Clover	Mixed Grains
1936	33 5	6 4	34 1	154 2	4 4	3 7	3 5	12 9	31 0	9 5	8 8	165 0	62 6
1935	36 5	6 5	34 4	156 2	4 5	3 7	3 9	12 3	32 4	9 8	9 1	166 2	60 9
1934	28 0	6 4	32 0	157 5	4 5	3 3	3 7	14 1	31 9	10 8	9 1	172 6	62 0
1933	36 8	6 4	30 4	152 4	3 9	3 4	3 6	13 6	27 8	10 4	8 7	182 3	62 3
1932	35 3	6 6	30 1	154 1	3 9	4 1	3 8	13 0	27 4	10 3	8 8	183 2	65 0
1931	34 6	6 5	28 8	153 5	3 9	5 0	4 1	11 8	25 6	11 1	9 2	188 3	66 7
1930	44 6	6 5	40 2	162 6	5 3	4 4	3 5	18 1	29 1	10 5	9 4	187 7	63 1
1929	45 6	7 0	41 0	154 0	5 2	4 2	3 4	19 4	26 9	9 8	9 3	192 2	58 9
1928	45 8	7 2	40 6	175 5	7 3	3 4	4 4	17 9	27 0	12 0	10 1	185 5	59 8
1927	49 6	7 9	34 0	177 7	7 0	3 1	4 8	16 5	28 4	10 6	9 5	187 1	52 8
1926	53 4	7 6	29 7	187 3	6 5	3 4	5 7	15 5	36 2	10 2	9 8	191 1	51 0
1925	49 5	7 5	28 9	187 9	8 8	4 0	6 5	17 1	38 5	10 8	9 8	234 7	45 1
1924	47 9	6 7	29 1	191 7	8 7	3 5	8 4	15 9	44 2	11 2	9 6	235 1	42 8
1923	47 6	7 4	30 1	197 1	7 8	2 7	8 2	15 3	46 2	10 9	8 3	238 9	43 1
1922	54 2	8 3	28 9	202 1	7 0	2 7	10 2	13 2	46 9	11 5	8 4	238 1	36 8
1921	41 4	10 2	30 8	206 1	7 1	1 8	8 2	9 9	45 9	10 9	8 8	236 5	41 2
1920	51 0	17 9	32 4	192 5	7 3	1 5	8 9	9 6	46 3	10 5	10 4	247 1	38 9
1919	41 6	24 2	38 2	179 5	8 5	1 5	9 4	12 0	41 7	10 6	9 9	245 3	42 2
1918	24 5	23 8	44 6	197 6	7 7	6 8	7 6	15 1	38 9	11 2	10 3	244 2	41 9
1917	39 8	12 4	37 4	187 6	6 1	7 5	9 0	10 4	52 3	10 0	11 4	240 9	35 0
1916	47 9	9 8	35 9	183 0	6 5	3 7	10 1	15 6	47 5	9 5	10 8	236 2	33 1
1915	55 5	11 1	37 8	196 4	8 7	4 3	11 9	13 2	51 5	11 9	11 9	221 0	32 5
1914	47 0	8 1	39 7	190 2	12 2	3 5	9 5	12 1	48 6	11 5	11 5	234 0	31 3
1913	44 5	8 0	43 0	186 0	12 2	4 6	8 2	15 7	47 4	11 0	12 0	236 2	28 5
1912	52 6	8 5	44 8	180 1	15 3	4 8	7 4	14 3	47 0	11 0	12 8	233 1	31 0
1911	58 2	9 3	42 9	187 7	21 2	3 6	6 9	13 1	44 8	11 3	13 4	229 6	33 8
1910	51 9	9 0	43 7	192 5	28 2	3 5	6 6	13 6	45 2	11 8	14 5	223 7	34 8
1909	46 5	9 5	48 8	189 0	26 7	3 2	6 6	12 4	42 9	11 9	14 5	226 5	33 3
1908	48 1	10 1	51 9	196 3	28 1	3 3	6 2	9 9	37 7	11 8	14 9	230 2	32 3
1907	47 9	10 2	54 3	207 7	24 1	3 4	4 8	8 0	38 2	12 6	15 1	233 0	31 4
1906	55 8	12 2	53 6	192 6	29 1	3 6	5 7	7 5	33 3	9 7	14 7	217 6	.....
1905	57 2	13 6	55 5	191 5	26 9	3 6	7 3	7 3	34 4	9 5	15 1	216 8	.....
1904	43 8	16 3	55 9	192 2	24 6	3 7	9 5	7 3	37 9	9 7	15 3	211 9	.....
1903	48 8	18 2	52 0	193 4	29 9	3 9	13 1	7 0	43 2	10 2	16 4	204 0	.....
1902	55 2	22 3	48 8	184 3	39 2	4 0	13 9	6 9	42 9	10 7	16 3	195 0	.....
1901	67 8	26 6	47 4	179 3	44 9	4 0	11 8	6 6	38 8	11 5	16 1	190 3	.....
1900	80 4	28 3	43 4	180 4	49 8	3 3	10 7	7 7	38 4	12 3	16 7	190 0	.....
1899	80 1	30 4	37 4	180 3	56 7	3 1	10 5	10 1	38 6	12 8	16 6	191 1	.....
1898	80 7	30 0	33 8	182 9	66 6	3 4	12 7	11 5	40 1	13 1	16 4	188 8	.....
1897	73 9	25 2	35 1	189 3	69 8	3 9	14 6	11 8	42 3	13 2	15 7	182 2	.....
1896	69 2	20 2	36 5	191 4	65 5	5 4	11 7	11 5	39 2	14 1	15 4	191 5	.....
1895	59 8	18 0	38 5	191 0	64 4	5 8	9 7	10 9	36 4	14 9	16 0	204 2	.....
1894	63 4	18 7	39 6	190 6	63 9	4 8	7 3	11 8	30 8	13 6	15 2	209 6	.....
1893	75 5	29 4	38 6	159 9	61 0	4 0	5 6	11 0	25 9	11 8	13 9	228 4	.....
1892	80 6	54 3	41 7	155 3	64 6	2 8	6 1	10 4	22 8	12 2	13 4	209 8	.....
1891	72 0	43 3	46 9	156 0	63 8	3 5	5 7	9 1	20 4	13 6	13 4	216 1	.....
1890	61 8	51 6	60 2	161 5	67 0	3 4	8 8	7 7	19 2	13 6	12 7	211 2	.....
1889	71 6	34 7	76 3	167 6	61 7	1 9	7 9	4 9	16 3	12 7	12 5	208 0	.....
1888	73 2	32 5	79 2	163 6	61 6	2 0	7 4	5 1	19 7	13 6	12 9	202 8	.....
1887	80 8	43 6	69 1	151 5	65 4	1 9	6 2	5 8	14 7	12 6	11 9	205 3	.....
1886	81 0	52 8	67 3	148 3	64 4	1 9	6 2	6 5	14 3	12 8	11 5	209 8	.....
1885	80 6	73 6	55 1	142 2	59 5	2 3	7 2	5 7	15 5	14 7	11 7	208 9	.....
1884	80 5	67 2	65 2	138 0	53 2	2 3	9 6	6 7	16 3	15 7	12 4	204 3	.....
1883	104 1	55 6	71 8	134 6	51 5	2 5	17 8	6 4	20 3	15 8	12 0	223 1	.....
1882	116 8	57 7	83 4	136 4	55 1	1 9	18 2	4 9	20 3	15 8	10 3	179 5	.....
Annual Averages:													
1922–1931	47 3	7 3	33 1	178 9	6 7	3 6	5 9	16 1	34 9	10 9	9 3	207 8	52 0
1912–1921	44 5	13 4	38 4	189 9	9 1	4 0	9 0	12 9	46 6	10 0	11 0	237 5	35 6
1902–1911	51 3	13 0	50 7	192 8	27 7	3 6	8 0	9 4	40 1	10 9	15 8	219 0	†33 1
1892–1901	73 2	28 0	39 2	180 2	60 5	4 1	10 1	10 3	35 5	12 9	15 6	198 2	.....
1882–1891	81 6	50 9	67 2	150 4	60 5	2 4	9 4	6 2	17 7	14 0	12 2	207 1	.....
1882–1936	55 6	19 4	43 4	177 2	27 9	3 6	7 9	11 5	35 3	11 6	13 1	207 9	‡45 4

*Mangels, turnips, carrots and sugar beets. †1907–1911. ‡1907–1936.

STATISTICS OF FARM CROPS

Market Prices

The following table gives the average Market Prices of Agricultural Products for the years 1882 to 1936, together with the annual averages for the various periods of ten years and for the whole term of years.

Years	Fall Wheat per bush.	Spring Wheat per bush.	Oats per bush.	Barley per bush.	Peas per bush.	Beans per bush.	Rye per bush.	Buckwheat per bush.	Corn (shelled) per bush.	Hay per ton	Potatoes per cwt.
	cents	cents	cents	cents	cents	$ c.	cents	cents	cents	$ c.	cents
1936.....	109.0	108.0	48.0	80.0	155.0	2.02	84.0	69.0	68.0	8.79	135.0
1935.....	71.0	73.0	28.0	40.0	95.0	1.45	40.0	40.0	45.0	7.08	100.0
1934.....	88.0	85.0	35.0	50.0	85.0	1.27	55.0	47 0	65.0	12.62	55.0
1933.....	66.0	67 0	33.0	41.0	80.0	.92	51.0	42.0	56.0	8.41	100.0
1932.....	46.0	45.0	25.0	36.0	65.0	.49	37.0	35.0	45.0	7.24	69.0
1931.....	51.6	50.9	25.0	36.5	62.6	.58	41.9	42.3	39.8	8.43	39.3
1930.....	66.3	65.5	29.7	35.9	104.8	1.44	48.5	51.7	69.3	10.42	99.5
1929.....	124.0	125.2	62.4	76.5	163.0	3.03	97.1	83.2	100.2	11.28	180.0
1928.....	122.0	119.2	55.5	74.2	152.8	3.83	95.2	81.5	102.2	11.23	93.0
1927.....	124.7	122.1	57.3	77.6	149.8	2.35	95.3	77.9	99.5	11 02	147.0
1926.....	125.1	125.1	51.8	68.0	150.6	2.34	87.2	77.0	80.3	12.75	188.2
1925.....	133.6	133.0	45.2	68.1	135.5	2.11	87.1	73.2	88.6	11.61	228.2
1924.....	133.9	137.0	54.2	82.2	151.1	2.29	107.5	86.7	105.3	10.91	89.2
1923.....	96.2	96.3	45.4	62.8	144.8	2.43	73.7	73.2	75.5	11.05	124.7
1922.....	104.6	105.1	43.5	61.3	140.3	2.54	78.4	73.5	69.9	12.03	85.0
1921.....	110.5	109.4	50.4	65.7	153.0	2.35	82.6	74.0	59.1	19.27	147.0
1920.....	193.4	183.8	58.2	93.8	193.3	2.88	142.0	105.5	99.6	24.25	165.3
1919.....	237.2	240.9	97.7	145.8	263.9	4.00	159.1	140.7	162.3	22.68	275.3
1918.....	210.9	208.6	75.0	103.6	217.7	4.49	151.7	135.0	157.4	18.13	165.5
1917.....	209.8	209.7	77.9	125.7	321.0	6.91	162.6	142.9	186.0	11.81	205.3
1916.....	161.3	162.2	66.0	101.9	210.5	5.46	118.8	109.0	111.5	10.60	216.8
1915.....	97.1	98.6	39.5	56.0	161.6	3.11	78.9	71.5	68.1	14.51	135.7
1914.....	109.1	107.9	49.5	64.3	136.6	2.14	84.9	71.5	68.6	14.55	73.3
1913.....	85.0	87.9	36.9	55.5	100.6	1.70	66.2	63.5	64.5	13.07	106.2
1912.....	91.7	90.0	38.6	58.7	110.3	1.93	70.0	54.5	55.8	11.77	106.2
1911.....	86.6	90.7	44.2	73.9	98.2	1.90	84.9	60.4	66.3	13.16	140.3
1910.....	86.6	89.6	35.0	52.0	80.7	1.55	63.2	50.0	56.0	9.91	82.0
1909.....	102.3	100.6	39.5	54.8	84.6	1.61	67.4	53.4	64.4	12.81	60.8
1908.....	89.2	90.8	40.3	52.4	82.7	1.48	69.7	54.2	60.0	10.25	79.8
1907.....	92.7	86.4	48.8	59.4	78.0	1.52	69.4	57.4	42.6	15.11	97.2
1906.....	70.7	68.9	34.0	45.0	70.6	1.39	60.9	49.5	56.4	9.10	89.7
1905.....	76.5	74.9	33.6	42.9	65.3	1.32	56.8	50.0	55.4	7.72	76.7
1904.....	98.7	94.2	32.3	43.7	63.0	1.22	57.6	48.6	56.1	7.97	84.5
1903.....	75.1	74.4	29.3	42.1	64.3	1.41	48.6	44.3	55.4	7.94	73.5
1902.....	70.7	69.6	34.8	45.1	71.0	1.35	50.5	48.0	60.9	8.15	94.3
1901.....	66.1	66.8	36.2	45.0	65.3	1.25	49.3	48.4	57.0	7.99	71.0
1900.....	66.4	67.5	26.5	38.9	57.1	1.00	48.5	43.7	47.6	8.48	43.5
1899.....	66.7	66.5	27.7	39.5	57.3	1.08	50.0	45.5	29.7	7.72	54.7
1898.....	69.4	69.2	25.8	38.0	52.2	.70	43.5	38.2	30.2	6.22	73.5
1897.....	78.2	78.6	22.6	27.0	42.1	.65	37.7	30.0	29.6	7.18	66.5
1896.....	71.0	70.6	20.0	31.6	44.0	.68	36.6	30.5	29.4	9.68	43.5
1895.....	69.3	69.8	29.1	40.4	54.8	.95	45.6	36.8	33.9	12.30	33.7
1894.....	55.0	55.5	30.8	40.5	53.6	1.10	44.2	39.2	39.2	7.56	59.0
1893.....	59.9	59.4	33.2	40.1	54.0	1.18	47.5	41.8	39.8	7.64	65.8
1892.....	70.7	67.8	30.8	41.3	59.0	.99	55.8	42.2	39.5	8.20	84.0
1891.....	95.1	92.9	36.5	49.1	63.8	1.06	72.3	44.1	46.7	11.91	54.3
1890.....	94.2	91.3	41.1	50.2	60.3	1.29	52.7	43.0	45.8	7.95	74.0
1889.....	88.4	88.1	30.5	44.0	55.7	1.27	50.9	39.5	38.9	9.98	75.8
1888.....	102.4	99.3	40.5	60.1	65.4	1.14	60.2	49.3	44.0	16.17	52.8
1887.....	78.4	78.0	34.6	56.7	55.9	.98	49.5	45.0	43.1	11.62	104.7
1886.....	73.6	72.5	32.0	51.3	52.6	.84	52.2	33.7	41.4	9.69	74.8
1885.....	81.5	80.6	31.5	55.2	58.0	.80	55.2	39.2	41.9	9.85	68.5
1884.....	80.5	81.4	33.1	53.6	64.4	1.18	59.7	40.0	67.5	9.56	66.7
1883.....	105.0	107.0	38.0	57.0	71.0	.....	62.0	.....	.....	9.02	103.3
1882.....	101.0	106.0	43.0	65.0	74.0	1.97	64.0	40.0	60.0	11.54	106.7
Annual Averages:											
1922–1931	110.6	108.5	47.1	64.2	139.3	2.23	83.2	73.3	81.6	11.08	121.0
1912–1921	144.5	171.6	58.5	86.0	172.3	2.35	111.4	94.4	93.5	15.88	150.2
1902–1911	83.6	81.2	36.7	50.1	74.8	1.48	60.2	52.4	57.3	9.97	85.7
1892–1901	67.8	67.5	27.9	38.5	53.5	.93	44.9	38.7	37.5	7.97	56.0
1882–1891	90.0	89.6	34.3	54.5	61.6	1.16	60.0	41.5	.....	10.34	75.0
1882–1936	96.2	96.9	41.9	58.2	71.2	1.85	72.8	64.2	*63.8	11.11	96.7

*Average for 45 years, 1892-1936.

STATISTICS OF LIVE STOCK

Number of Live Stock on Hand

The following table gives the number of Horses, Cattle, Sheep, Swine and Poultry on hand in June of each year for the fifty-five years, 1882–1936.

Years	Horses	Cattle	Sheep	Swine	Poultry
	No.	No.	No.	No.	No.
1936	562,916	2,474,194	886,515	1,408,308	22,958,383
1935	562,877	2,469,231	945,738	1,225,310	22,961,834
1934	563,657	2,494,471	962,325	1,177,913	22,802,578
1933	567,093	2,522,180	1,000,872	1,257,870	22,991,456
1932	578,615	2,528,615	1,039,692	1,375,115	22,929,143
1931	578,157	2,509,205	1,044,355	1,359,176	23,736,125
1930	606,719	2,675,488	1,134,457	1,661,556	22,560,260
1929	606,505	2,671,594	1,130,395	1,681,263	22,045,091
1928	609,249	2,682,053	1,014,106	1,833,538	19,703,576
1927	617,136	2,709,954	956,267	1,883,177	19,048,045
1926	629,659	2,757,799	886,483	1,735,355	17,693,000
1925	644,138	2,809,373	868,526	1,678,595	17,778,581
1924	663,875	2,917,302	870,279	1,807,903	16,751,345
1923	675,371	2,838,087	907,673	1,734,734	15,203,384
1922	685,852	2,836,181	986,617	1,553,434	13,964,317
1921	694,237	2,890,113	1,081,828	1,563,807	11,458,206
1920	704,640	2,881,827	1,129,084	1,614,356	11,005,645
1919	719,569	2,927,191	1,101,740	1,695,487	11,705,809
1918	732,977	2,867,722	972,341	1,656,386	12,281,105
1917	765,873	2,827,609	956,986	1,664,639	13,606,292
1916	775,732	2,734,767	908,066	1,735,254	14,377,844
1915	779,131	2,674,746	908,095	1,769,295	14,273,091
1914	774,544	2,604,628	922,375	1,770,533	14,175,214
1913	751,726	2,628,845	996,155	1,618,734	13,511,383
1912	742,139	2,624,780	1,021,848	1,702,652	13,024,938
1911	737,916	2,593,205	1,040,245	1,744,983	12,942,293
1910	724,384	2,567,128	1,065,101	1,561,042	12,460,787
1909	728,308	2,668,584	1,130,667	1,551,187	12,086,580
1908	726,471	2,824,859	1,143,898	1,818,763	12,285,613
1907	725,666	2,926,236	1,106,083	2,049,666	13,428,076
1906	688,147	2,963,618	1,304,809	1,819,778	10,254,824
1905	672,781	2,889,503	1,324,153	1,906,460	9,738,493
1904	655,554	2,776,304	1,455,482	2,008,984	9,412,683
1903	639,581	2,674,261	1,642,627	1,977,386	9,683,573
1902	626,106	2,562,584	1,715,513	1,684,635	9,762,808
1901	620,343	2,507,620	1,761,799	1,491,885	9,745,236
1900	617,309	2,429,330	1,797,213	1,771,641	9,541,241
1899	615,524	2,318,355	1,772,604	1,971,070	9,344,024
1898	611,241	2,215,943	1,677,014	1,640,787	9,084,273
1897	813,670	2,182,326	1,690,350	1,284,963	8,435,341
1896	624,749	2,181,958	1,849,348	1,269,631	7,734,167
1895	647,696	2,150,103	2,022,735	1,299,072	7,752,840
1894	674,777	2,099,301	2,015,805	1,142,133	7,552,662
1893	685,187	2,057,882	1,935,938	1,012,022	7,114,436
1892	688,814	2,029,140	1,850,473	996,974	7,078,973
1891	678,459	1,978,815	1,693,751	1,156,316	7,006,090
1890	659,636	1,894,712	1,339,695	1,140,559	6,854,864
1889	618,795	1,891,899	1,344,180	835,469	6,304,298
1888	596,218	1,928,638	1,349,044	819,079	6,164,114
1887	575,361	1,948,264	1,396,161	832,817	6,438,361
1886	569,649	2,018,173	1,610,949	860,125	6,968,915
1885	558,809	1,976,480	1,755,605	822,262	6,336,805
1884	535,953	1,925,670	1,890,733	916,158	6,237,606
1883	560,133	1,828,613	1,868,784	906,727	5,847,344
1882	503,604	1,586,312	1,915,303	850,226	5,352,120

VALUE OF LIVE STOCK ON HAND

The following table gives the value of Horses, Cattle, Sheep, Swine and Poultry on hand in June of each year for the fifty-five years, 1882–1936, except for the ten years, 1882–1891, when farm live stock was valued in bulk.

Years	Horses	Cattle	Sheep	Swine	Poultry	Total
	$	$	$	$	$	$
1936	61,229,630	76,949,305	5,790,872	13,313,339	12,416,378	169,699,524
1935	57,946,376	72,031,320	5,488,972	12,348,955	11,987,918	159,803,541
1934	54,492,559	66,581,103	5,335,210	10,971,007	11,631,434	149,011,313
1933	49,889,016	69,379,352	5,533,134	8,732,796	12,036,762	145,571,060
1932	43,507,517	78,323,693	5,111,312	7,219,718	10,418,176	144,580,416
1931	50,528,572	91,834,417	6,652,107	11,987,324	10,729,925	171,732,345
1930	60,606,827	136,496,344	10,835,770	18,643,164	13,372,682	239,954,787
1929	66,603,793	150,480,760	12,457,554	20,430,803	13,473,814	263,446,724
1928	67,085,352	128,937,680	11,209,872	19,808,890	12,452,203	239,493,997
1927	66,724,527	117,162,152	10,433,761	24,159,535	12,333,645	231,145,720
1926	68,239,756	115,386,214	9,688,685	24,525,126	12,400,985	230,240,766
1925	69,787,791	115,844,069	9,576,722	24,424,238	13,527,454	233,160,274
1924	72,617,565	113,046,599	7,081,500	16,201,699	13,446,621	222,393,984
1923	74,542,351	109,467,066	6,597,087	19,018,668	12,401,083	222,026,255
1922	74,535,855	103,899,416	6,612,959	16,550,636	12,241,252	213,840,118
1921	75,680,750	103,861,565	8,207,564	19,205,488	11,168,318	218,123,685
1920	89,606,594	176,897,490	16,191,741	32,253,804	11,787,708	326,737,337
1919	92,823,683	184,041,594	18,128,240	33,263,051	11,351,364	339,607,932
1918	95,710,928	172,259,261	15,690,055	31,140,181	9,307,051	324,107,476
1917	99,439,558	150,309,828	9,946,030	21,464,366	8,517,195	289,676,977
1916	101,434,391	128,324,526	7,386,710	18,790,755	7,933,157	263,869,539
1915	107,982,037	115,363,336	6,403,907	17,562,726	7,670,326	254,982,332
1914	112,576,793	106,635,148	6,155,451	17,951,258	7,551,428	250,870,078
1913	113,240,047	95,759,022	6,242,672	15,393,192	6,956,952	237,591,885
1912	109,000,214	90,403,902	6,181,595	14,141,908	6,121,323	225,848,942
1911	103,373,206	84,634,962	6,213,021	14,593,917	5,905,318	214,720,424
1910	92,757,431	76,872,723	6,127,018	13,265,834	5,393,031	194,416,037
1909	87,682,689	75,247,197	6,262,493	11,144,135	4,411,386	184,747,900
1908	85,847,391	77,255,267	6,336,265	12,135,979	4,439,854	186,014,756
1907	85,041,144	79,485,780	5,928,325	14,174,502	4,854,381	189,484,132
1906	79,814,953	80,303,276	6,721,119	12,770,708	3,697,338	183,307,394
1905	73,911,177	76,764,482	6,191,774	12,280,667	3,335,660	172,483,760
1904	68,138,228	72,821,003	6,425,100	12,921,743	3,077,029	163,383,103
1903	61,811,456	69,289,924	7,228,498	13,023,743	2,973,646	154,327,267
1902	55,173,637	63,517,342	7,634,284	11,262,265	2,957,286	140,544,814
1901	50,038,465	59,527,119	7,772,793	9,298,712	2,859,172	129,496,261
1900	46,916,999	56,320,810	7,711,496	9,598,153	2,727,363	123,274,821
1899	42,713,557	52,938,500	7,315,729	10,180,338	2,658,321	115,806,445
1898	38,659,896	47,286,254	6,499,695	8,720,242	2,578,136	103,744,223
1897	36,111,805	42,683,557	6,003,194	6,533,210	2,318,038	93,649,804
1896	37,185,692	44,383,638	6,652,202	6,505,227	2,130,807	96,857,566
1895	40,283,754	46,708,017	7,708,442	7,101,211	2,156,623	103,958,047
1894	46,245,614	47,577,587	8,606,671	6,909,262	2,208,518	111,547,652
1893	50,527,472	47,718,025	9,016,118	6,622,129	2,187,158	116,070,902
1892	55,812,920	45,548,475	8,569,557	5,479,093	2,091,450	117,501,495
1891	.....	.....	.....	.....	.....	108,721,076
1890	.....	.....	.....	.....	.....	104,086,626
1889	.....	.....	.....	.....	.....	105,731,288
1888	.....	.....	.....	.....	.....	102,839,235
1887	.....	.....	.....	.....	.....	104,406,655
1886	.....	.....	.....	.....	.....	107,208,935
1885	.....	.....	.....	.....	.....	100,690,086
1884	.....	.....	.....	.....	.....	103,106,829
1883	.....	.....	.....	.....	.....	100,082,365
1882	.....	.....	.....	.....	.....	80,540,720

VALUES PER HEAD OF LIVE STOCK AND POULTRY ON HAND FOR THE YEARS 1892 TO 1936

Years	Horses all Ages	Cattle		Sheep and Lambs	Swine all Ages	Poultry all Kinds
		Milch Cows	Other Cattle			
	$	$ c.	$ c.	$ c.	$ c.	$ c.
1936	109	43 40	19 86	6 53	9 45	54
1935	103	40 56	18 71	5 80	10 08	52
1934	97	36 94	17 53	5 54	9 31	51
1933	88	38 41	17 87	5 73	6 94	52
1932	75	43 42	20 18	4 92	5 25	45
1931	87	52 79	22 49	6 37	8 81	45
1930	100	73 11	32 42	9 55	11 22	59
1929	110	80 34	35 61	11 02	12 15	61
1928	110	68 33	30 09	11 05	10 80	63
1927	108	60 92	27 05	10 91	12 83	65
1926	108	59 14	26 84	10 93	14 13	70
1925	108	58 55	27 70	11 03	14 55	76
1924	109	55 41	27 05	8 14	8 96	80
1923	111	55 24	25 14	7 27	10 96	82
1922	109	52 68	24 25	6 70	10 65	88
1921	109	51 56	24 77	7 59	12 28	97
1920	127	85 84	44 67	14 34	19 98	1 07
1919	129	88 71	46 37	16 45	19 62	97
1918	131	83 55	45 52	16 14	18 80	76
1917	130	75 54	39 55	10 39	12 89	63
1916	131	66 35	34 91	8 13	10 83	55
1915	139	60 83	32 18	7 05	9 93	54
1914	145	57 01	30 81	6 67	10 14	53
1913	151	50 56	27 29	6 27	9 51	51
1912	147	47 82	25 61	6 05	8 31	47
1911	140	45 31	24 07	5 97	8 36	46
1910	128	40 76	22 43	5 75	8 50	43
1909	120	38 19	21 45	5 54	7 18	37
1908	118	36 90	21 13	5 54	6 67	36
1907	117	36 43	21 15	5 36	6 92	36
1906	116	35 99	21 62	5 15	7 02	36
1905	110	35 06	21 29	4 68	6 44	34
1904	104	34 70	20 84	4 41	6 43	33
1903	97	34 15	20 58	4 40	6 59	31
1902	88	32 96	19 46	4 45	6 69	30
1901	81	31 74	18 57	4 41	6 23	29
1900	76	31 01	17 93	4 29	5 42	29
1899	69	30 31	17 41	4 13	5 16	28
1898	63	28 28	15 98	3 88	5 31	28
1897	59	26 13	14 58	3 55	5 08	27
1896	60	27 60	15 05	3 60	5 12	28
1895	62	29 74	16 08	3 81	5 47	28
1894	69	31 02	17 15	4 27	6 05	29
1893	74	31 63	17 78	4 66	6 54	31
1892	81	29 95	17 69	4 63	5 50	30

THIRTY-FIFTH ANNUAL REPORT

OF THE

Temiskaming and Northern Ontario Railway Commission

ONTARIO GOVERNMENT RAILWAY

HON. MITCHELL F. HEPBURN—Premier

FOR THE YEAR ENDING

March 31st, 1936

PRINTED BY ORDER OF

THE LEGISLATIVE ASSEMBLY OF ONTARIO

SESSIONAL PAPER No. 23, 1937

ONTARIO

TORONTO

Printed and Published by T. E. BOWMAN, Printer to the King's Most Excellent Majesty

1937

To The Honourable Dr. H. A. Bruce,

Lieutenant-Governor of the Province of Ontario.

May It Please Your Honour:

The undersigned has the honour to present to Your Honour the Thirty-fifth Annual report of the Temiskaming and Northern Ontario Railway Commission, for the year ending March 31st, 1936.

Respectfully submitted,

M. F. Hepburn,

Prime Minister and President of the Council.

TEMISKAMING AND NORTHERN ONTARIO RAILWAY

The financial statements of the Railway for the fiscal year ending March 31st, 1936, presented herewith, continue to reflect the upward trend of business in the territory served. The Thirty-fourth Report of the Railway covered the five month period November 1st, 1934 to March 31st, 1935. In order to permit comparison, the results for the full year April 1st, 1934, to March 31st, 1935, have been calculated and are submitted with the figures for the present fiscal year, as follows:

	April 1, 1935, to Mar. 31, 1936	April 1, 1934, to Mar. 31, 1935
Revenue—Transportation	$ 3,839,005.82	$ 3,531,125.04
Revenue—Incidental	329,575.32	343,489.11
	4,168,581.14	3,874,614.15
Increase (7.59%)		293,966.99
Expenditures—Operations	2,714,230.72	2,840,459.09
Decrease (4.44%)		126,228.37
Net revenue from Operations	1,454,350.42	1,034,155.06
Increase (40.63%)		420,195.36
Other Income (Equipment and Joint Facility Rents earned)	30,745.98	34,315.75
Total Income	1,485,096.40	1,068,470.81
Deductions from Income (Equipment and joint facility rents paid and miscellaneous deductions)	128,713.30	148,856.76
	1,356,383.10	919,614.05
Fixed Charges (interest and amortization)	564,370.61	659,054.58
Net Result (to Profit and Loss Account)	792,012.49	260,559.47
Increase (203.9%)		531,453.02

The significant features reflected by the above figures are that while revenues showed an increase of 7.59%, operating expenses were reduced by 4.44%. This is the more noteworthy as the service to the public was not sacrificed to achieve this result but rather was improved.

The Net Result which exceeds the result for the previous twelve months by over 200% amply justifies the optimism expressed in previous reports. The territory served by the Railway has forged steadily ahead and indications all point to even more prosperous times for years to come. The lumbering business is more active, agriculture has improved somewhat, while mining, and in particular gold mining in the territory served continues to expand in a very marked manner.

The Railway keeps pace with and assists materially in the development of the north and thus contributes directly and indirectly to the prosperity of the Province as a whole. The continued development of mining, lumbering and agricultural industries in the north which the Railway serves will inevitably be reflected in the revenues of the Railway in future years.

Attention is directed to the General Balance Sheet as submitted for the year ending March 31st, 1936. During this period certain abandoned steam line mileage was lifted and the cost written off. This is reflected by the amount of $476,381.14 on the debit side of Profit and Loss Account. In addition the Electric Lines of the Nipissing Central Railway, which had been running at a loss for a number of years, were abandoned and tracks lifted. A reserve to cover the resulting loss has been set up during this fiscal year — leaving a balance at credit of Profit and Loss Account of $89,904.39.

Not only were these extraordinary charges taken care of but during the period under review, the Provincial Loan account was reduced by $800,000.00.

With the expansion of business throughout the territory served by the Railway, we look forward with confidence to the future.

M. Lang.
Chairman.

TEMISKAMING AND NORTHERN ONTARIO RAILWAY
MILEAGE OPERATED AT THE CLOSE OF THE FISCAL YEAR
MARCH 31, 1936

Main Line	Miles	Total Miles
North Bay to Cochrane	252.29	
Cochrane to Moosonee	186.19	
		438.48
Branch Lines		
Elk Lake Branch	28.50	
Charlton Branch	7.60	
Iroquois Falls Branch	7.00	
Porcupine Branch	33.11	
		76.21
Other Tracks		
Yard Tracks and Sidings	119.17	
Mattagami River Spur	2.96	
		122.13
Private Sidings Operated by the Railway		
Private Siding Agreement	20.21	
Owned by Private Companies	0.55	
		20.76
Total Mileage		657.58
Sidings Operated by Private Companies		
Private Siding Agreement		7.12
		664.70

STATEMENT OF PURCHASES AND ISSUES—APRIL, 1934, TO MARCH, 1935, INC.—COMPARED WITH APRIL, 1935, TO MARCH, 1936, INC.

Stock	April, 1934, to March, 1935, Inc.		April, 1935, to March, 1936, Inc.	
	Purchases	Issues	Purchases	Issues
Shop	$ 267,907.67	$280,670.91	$ 356,016.33	$ 327,128.25
Stationery	26,344,38	26,502.67	26,270.22	25,187,71
Tie	82,301.59	118,194.10	75,338.03	72,999.25
Oil and Waste	17,398.05	18,286.81	18,388.19	18,764.23
Soft Coal	492,880.93	493,521.60	537,412.10	535,679.88
Hard Coal	15,454.97	14,685.62	16,639.12	15,194.81
Rail	15,770.14	19,410.87	26,733.17	26,063.75
Ice	12,874.61	10,254.24	5,757.40	5,969.53
	$ 930,932.34	$981,526.82	$1,062,554.56	$1,026,987.41
Total Purchases	$ 930,932.34		$1,062,554.56	
Total Issues	981,526.82		1,026,987.41	
	$1,912,459.16		$2,089,541.97	

BLACK, HANSON & CO.
Chartered Accountants

Port Arthur, Ontario, August 4, 1936.

Malcolm Lang, Esq., Chairman,
Temiskaming and Northern Ontario Railway Commission,
North Bay, Ontario.

Dear Sir:

In accordance with our appointment, we have examined the books and records of the Temiskaming and Northern Ontario Railway and the Nipissing Central Railway for the year ended 31st March, 1936, and we now submit Balance Sheets of the two Railways as at that date.

The terms of our appointment did not make provision for a fully detailed audit coverage and the work which we have done, therefore, consisted to a major extent of tests of various portions of the records for limited periods. The entries coming within the scope of our examination were found to be in order.

We submit the following explanatory report on the various items appearing on the Balance Sheets.

TEMISKAMING AND NORTHERN ONTARIO RAILWAY

INVESTMENT

The Cost of Road, $33,592,201.97, includes all expenditures on right-of-way, track and roadbed, shop machinery, tools, real estate and buildings. No provision has been made for depreciation of any of the assets included in this caption. The reduction in value during the year amounting to $455,407.01 consists of:—

South Lorrain Branch Dismantled and Written Off	$531,172.63
Less Net Additions to Road—Stations, Machinery, Telegraph and Telephone Lines, etc.	75,765.62
	$455,407.01

Railway Equipment, $5,358,773.20, represents the cost of rolling stock and shows a reduction in the year under review of $13,063.12, which is accounted for as follows:—

Equipment Retired and Written Off	$ 16,516.27
Less Expenditure on Improvements and New Equipment	3,453.15
	$ 13,063.12

We understand that the account still includes some disused and obsolete equipment and we have recommended to the Management that the value of same be ascertained and written off. Depreciation at the rate of 2% per annum has been provided on the Equipment and the accumulated Reserve at 31st March, 1936, amounted to $1,742,619.90.

We observe from the minutes of the Commission dated September 14, 1935, that an order was placed with the Canadian Locomotive Company for two locomotives for which the sum of $284,500.00 was included in the list of proposed expenditures approved by an Order-in-Council dated May 20, 1936. The locomotives had not been delivered at 31st March, 1936, and, consequently, neither the cost of the locomotives nor the relative liability is reflected on the Balance Sheet.

Additional expenditures of $633.59 were made in the year on Restaurant and News Equipment. This asset is shown at a cost of $12,789.07 against which a Reserve for Depreciation of $8,279.42 has been provided.

The Investment in Affiliated Companies consists of advances made to the Nipissing Central Railway at and since the date of the purchase of the Railway in 1911. The Advances aggregated $4,762,743.43 at 31st March, 1936, and it will be observed that a Reserve of $706,764.04 has been provided for Loss on Realization. The Reserve equals the Deficit shown on the annexed Balance Sheet of the Debtor Company.

CURRENT ASSETS

The Cash, amounting to $514,508.37, is made up as follows:—

Cash in Banks at 31st March, 1936	
Bank of Nova Scotia, North Bay	$228,774.04
Provincial Savings Bank, Toronto	320,456.47
	$549,230.51
Remittances from Agents applicable to March business deposited in April	54,603.19
	$603,833.70
Deduct Cheques Outstanding	89,325.33
	$514,508.37

We obtained certificates in confirmation of the Bank Balances at 31st March and we saw deposit slips receipted by the Bank covering the cash applicable to March business deposited in April. It has been the custom to include the remittances applicable to March business received from Agents during the first week of April each year in the Cash on Hand at 31st March. We have pointed out the advisability of closing the Cash Account promptly on 31st March so that the Cash and Agents' Balances may be shown on the Balance Sheet exactly as they stood at the close of business on that date.

We have examined the Accounts Receivable and Traffic Balances and we find that they include accounts owing by the Nipissing Central Railway aggregating $120,800.00 which are offset by Contra Accounts to the extent of $19,700.00, leaving a net balance owing of $101,000.00. The Balance Sheet of the Nipissing Central Railway indicates that a substantial loss upon realization may be expected. The Accounts Receivable include a number of other balances which are considered doubtful but no material losses are anticipated.

An examination of the balances due on Townsite Sales totalling $4,108.71 indicates that collections have been slow and that, in most instances, the balances are doubtful.

The Agents' and Conductors' balances aggregating $59,770.16 consist chiefly of accounts owing by agents of the railway for tickets, freight and telegraph and telephone charges. We examined a number of the accounts carried in the Head Office books and they appeared to be current. Periodical inspections of agents' books are made at the various stations by the Audit Department and the reports which we examined indicated that the accounts were found to be in order.

We obtained a certificate signed by the Internal Auditor and the Storekeeper stating that the Inventory of Material and Supplies had been compiled from book figures, that it was priced at laid down cost and that it included no obsolete material. The last physical inventory previous to this Balance Sheet was taken on October 31,

1935. We examined the summaries of stores prepared by the Storekeeper at 31st March, scrutinized the adjustments which had been made and ascertained that the balances of the various stock accounts kept by the Storekeeper were in agreement with those in the General Ledger, but we did not verify the quantities on hand nor the pricing of the Inventory.

Ballast Pit Sidings, $43,495.29, represents the cost of rails and ties used in the construction of sidings to gravel pits. The value of the asset is adjusted from time to time as the sidings are dismantled and the rails and ties returned to stock or transferred to other uses.

DEFERRED ASSETS

The Investments and Bank Accounts of the Pension Fund and the Fire Insurance Fund are carried at the Bank of Nova Scotia in the joint custody of the Treasurer and Assistant Treasurer. We have checked the transactions in both funds, examined the securities and obtained certificates in confirmation of the Bank Balances.

The Pension Fund, as the name indicates, was established for the purpose of providing pensions for superannuated employees. Contributions to the fund have been made voluntarily by the Commission with no provision for assessments on employees. The following is a statement of the Fund for the year:—

Pension Fund at 31st March, 1935		$203,316.07
Add Appropriations by the Commission		21,000.00
Earnings on Investments		9,414.94
		$233,731.01
Deduct Pensions paid	$ 18,012.46	
Rent of Safety Deposit Box	20.00	
		18,032.46
Pension Fund at 31st March, 1936		$215,698.55

The Fund is invested as follows, the securities maturing at various dates in the years 1943 to 1970, inclusive:—

	Par Value	Cost and Book Value
Temiskaming and Northern Ontario Railway	$ 98,000.00	$ 88,666.85
Province of Ontario	61,000.00	58,919.50
Canadian Northern Railways	33,500.00	26,600.00
Hydro-Electric Power Commission of Ontario	19,000.00	17,524.80
Dominion of Canada	15,000.00	14,737.50
Toronto Harbor Commission	5,000.00	5,026.50
	$231,500.00	$211,475.15
Cash in Bank		4,223.40
		$215,698.55

Fire Insurance Fund. $18,628.29. The Fire Insurance Contract carried by the Commission has a schedule attached to it totalling $3,268,169.00 which apparently covers the assets of the Commission subject to loss by fire as well as Freight in the custody of the Railway. It is stipulated in the contract that the Commission assumes for its insurance fund as co-insurer a participation of 50% of the entire schedule and in this capacity shall bear their pro rata proportion of any loss that may occur. The contract is in force for thirty-six months from February 1, 1935, and the premium amounts to $9,702.35.

Commencing December 1, 1934, the Commission has appropriated $1,500.00 monthly for Insurance and the balance of this appropriation, after providing for the payment of premiums, has been transferred to the Insurance Fund. The Fund has been charged with the Commission's share of Losses and the balance of $18,628.29 in the Fund at 31st March, 1936, is made up as follows:—

Fire Insurance Fund at 31st March, 1935		$ 3,904.22
Add Appropriations during year		18,000.00
Earnings on Investments		119.63
		$ 22,023.85
Deduct Cost of Insurance Premiums	$ 3,065.50	
Fire Losses and Adjustments	330.06	
		3,395.56
Balance at 31st March, 1936		$ 18,628.29

The Fund is invested as follows:—

	Par Value	Cost and Book Value
Temiskaming and Northern Ontario Railway Debentures—4%—due February 1, 1960	$ 6,000.00	$ 6,240.00
Hydro-Electric Power Commission Bonds—4%—due June 1, 1958	7,000.00	7,052.50
	$ 13,000.00	$ 13,292.50
Cash in Bank		5,335.79
		$18,628.29

It will be observed that the investments of both the Pension Fund and the Insurance Fund are carried at cost and that annual adjustments of discounts and premiums have not been made.

UNADJUSTED DEBITS

The assets under this heading include the item, Discount on Debentures Issued, $42,329.10, which is made up as follows:—

Discount on Sale of Debentures issued February 1, 1928		$202,026.00
Advertising, engraving, legal expense, etc.		4,439.95
		$206,465.95
Less Amounts charged to Earnings to March 31, 1935	$131,427.73	
Amount charged to earnings in year ended March 31, 1936	32,709.12	
		164,136.85
Balance at March 31, 1936		$ 42,329.10

We understand that the balance of $42,329.10 will be written off during the next twenty-two months at the rate of $1,924.05 per month so that the final charge will be disposed of a year previous to the first payment of principal on the Debenture Debt which is due on February 1, 1939.

LIABILITIES

PROVINCIAL LOANS

We obtained written confirmation of the Loans payable to the Province of Ontario and we were also furnished with copies of Orders-in-Council dated April 22, 1936, setting forth the provisions as to the payment of interest on the loans, which apply as follows:—

Non-interest bearing loan	$30,207,934.92
Interest bearing loan	6,200,000.00
	$36,407,934 92

The interest rates on the loan of $6,200,000.00 are to be determined from time to time and are to be based on the cost incurred by the Province in raising the money for the Commission. The interest bearing loan was reduced by $800,000.00 during the year and interest on same at the rate of 4.56% has been paid to March 31, 1936.

LONG TERM DEBT

The Long Term Debt consists of a Debenture issue of $6,000,000.00 dated February 1, 1928, guaranteed by the Province of Ontario and bearing interest at the rate of 4% per annum. The first payment of principal, amounting to $107,000.00, falls due on February 1, 1939, and thereafter the principal is payable annually in increasing instalments until the final date of maturity, February 1, 1968.

CURRENT LIABILITIES

We examined the balances making up the various items shown under the heading of Current Liabilities and found them to be in agreement with the books. We also examined the Accounts Payable Register and Invoices for the month of April and found no vouchers of any consequence applicable to the period covered by the attached statements which had not been recorded.

We consider that the items under the headings of Deferred Liabilities and Unadjusted Credits are clearly indicated by their titles and do not require further explanation.

OPERATING ACCOUNT

The operation of the railway for the year resulted in a profit of $792,012.49. In view of the comprehensive Operating Statements which have been prepared by the Accounting Department, we do not believe that any good purpose would be served by the submission at this time of detailed statements or other particulars. We found that various items of Earnings relative to the year under review were not entered on the books until the following year. In explanation of this fact, we were informed that this was the customary procedure with these items at each year end and that the omissions from this year's earnings, which we have referred to, were offset by the inclusion of similar items carried over from the previous year.

THE NIPISSING CENTRAL RAILWAY
BALANCE SHEET

The Balance Sheet of this Railway shows that substantial reductions have been made in the assets by the elimination of Retired Road and Equipment, Obsolete Material and Supplies, Bad Debts, etc. Full details of the items written off are set forth as charges to the Deficit Account. These adjustments were due principally to the fact that the operation of the Electric Line was discontinued in February, 1935. This was referred to in our Report of April 6, 1936.

The Advances from the Temiskaming and Northern Ontario Railway amounted to $4,762,743.43 at March 31, 1936, and consisted of:—

Advances made to cover purchase price of Nipissing Central Railway in 1911	$ 235,483.81
Advances since date of purchase, less repayments	4,527,259.62
	$4,762,743.43

The Liability for this amount on the Balance Sheet of the Nipissing Central Railway consists of:—

Capital Stock (Held by Temiskaming and Northern Ontario Railway Commission)	$ 159,000.00
Temiskaming and Northern Ontario Railway—Advance	4,603,743.43
	$4,762,743.43

It will be noted that the difference of $76,483.81, referred to in our Report of April 6, 1936, which existed between the liabilities setting forth the advances on the books of The Nipissing Central Railway and the corresponding asset on the books of the Temiskaming and Northern Ontario Railway has how been adjusted. The adjustment was made on the books of the debtor Company by an entry increasing the Advance Account by the amount of the difference and charging same to Deficit Account.

OPERATING ACCOUNT

The operation of this railway for the year resulted in a loss of $17,797.86 and this amount, together with losses of $1,669.87 applicable to Retired Road and Bad Debts of the Steam Lines Department has been charged to the Temiskaming and Northern Ontario Railway.

Subject to the qualifications contained in the foregoing Report, in our opinion, the attached Balance Sheets set forth correctly the positions of the affairs of the Railways according to the books and the information furnished us.

Yours faithfully,

BLACK, HANSON & CO.,
Per (Sgd.) F. H. Black, F. C. A.

TEMISKAMING AND NORTHERN ONTARIO RAILWAY
GENERAL BALANCE SHEET—MARCH 31st, 1936

Assets		
Property Owned:		
Cost of Road	$33,592,201.97	
Cost of Equipment	5,358,773.20	
		$38,950,975.17
Investment in Affiliated Companies:		
Nipissing Central Railway—Advance	$ 4,762,743.43	
Less Reserve	706,764.04	
		4,055,979.39
Restaurants' and News' Equipment		12,789.07
Current Assets:		
Cash	$ 514,508.37	
Accounts Collectible	123,295.57	
Balance due on Townsite Sales	4,108.71	
Agents and Conductors	59,770.16	
Traffic Balance—Freight	157,665.00	
Material and Supplies	599,546.92	
Ballast Pit Operations	43,495.29	
Other Assets	1,671.20	
		1,504,061.22
Deferred Assets:		
Pension Department	$ 215,698.55	
Fire Insurance Fund	18,628.29	
		234,326.84
Unadjusted Debits:		
Surveys	$ 36,856.44	
Insurance Premiums Paid in Advance	5,670.50	
Treasurer's Advance	200.00	
Discount—Funded Debt	42,329.10	
Accounts in Suspense	3,899.80	
		88,955.84
		$44,847,087.53

Liabilities		
Provincial Loan:		
Without Interest	$30,207,934.92	
With Interest	6,200,000.00	
		$36,407,934.92
Long Term Debt:		
Funded Debt Unmatured		6,000,000.00
Current Liabilities:		
Audited Accounts	$ 291,688.00	
Payrolls	7,333.16	
Traffic Balance—Car Service	12,197.62	
Traffic Balance—Tickets	968.13	
Debenture Interest	42,000.00	
Other Current Liabilities	15.00	
		354,201.91
Deferred Liabilities:		
Pension Fund Reserve	$ 215,698.55	
Fire Insurance Reserve	18,628.29	
		234,326.84
Unadjusted Credits:		
Equipment Retirement Reserve	$ 1,742,619.90	
Restaurants' and News Equipment Replacement Reserve	8,279.42	
Fidelity Insurance Reserve	3,250.00	
Accounts in Suspense	6,570.15	
		1,760,719.47
Free Surplus:		
Profit and Loss—Balance		89,904.39
		$44,847,087.53

PROFIT AND LOSS ACCOUNT

Profit and Loss on Retired Road and Equipment	$ 476,381.14	By Balance, March 31, 1935	$ 505,231.75
Townsites	172.90	Result Operation for Fiscal Year ended March 31, 1936	792,012.49
Doubtful Accounts	420.30	Unclaimed Vouchers	136.60
Surveys Retired	4,281.47	Unclaimed Wages	11.13
Nipissing Central Railway—Steam Lines	19,467.73		
Reserve for Loss on Advance to Nipissing Central Railway—Electric Lines	706,764.04		
Balance Carried Forward	89,904.39		
	$ 1,297,391.97		$ 1,297,391.97

COMPARATIVE STATEMENT OF EARNINGS, EXPENDITURES AND RESULT OF OPERATION, APRIL 1, 1934, TO MARCH 31, 1936

		April 1, 1935, to March 31, 1936	April 1, 1934, to March 31, 1935
	RECEIPTS		
	Transportation		
101.	Freight	$2,998,245.98	$2,714,922.97
102.	Passenger	633,867.09	619,907.57
103.	Excess Baggage	6,318.16	5,375.76
105.	Parlor and Chair Car	1,359.45	1,629.95
106.	Mail	52,451.19	50,811.44
107.	Express	118,415.97	115,877.79
109.	Milk	7,314.78	7,207.15
110.	Switching	16,557.73	14,923.67
111.	Special Service Train	4,475.47	468.74
	Total	$3,839,005.82	$3,531,125.04
	Incidental		
131.	Dining and Buffet	$ 29,130.40	$ 29,465.35
132.	Hotel and Restaurant	40,164.78	40,016.32
133.	Station, Train and Boat Privileges	476.31	547.04
135.	Storage Freight	1,243.97	1,538.68
136.	Storage—Baggage	426.60	330.35
137.	Demurrage	7,489.00	4,878.50
138.	Telegraph and Telephone	226,537.53	239,215.98
142.	Rents of Buildings and Other Property	21,719.08	21,720.73
143.	Miscellaneous	2,660.47	5,861.61
	Total	$ 329,848.14	$ 343,574.56
	Joint Facility		
152.	Joint Facility—Dr.	$ 272.82	$ 85.45
	Total	$ 272.82	$ 85.45
	Total Revenue	$4,168,581.14	$3,874,614.15
	EXPENDITURES		
	Maintenance of Way and Structures	$ 508,983.11	$ 747,556.53
	Maintenance of Equipment	567,462.78	567,999.40
	Traffic	16,821.43	17,443.26
	Transportation	1,321,139.28	1,191,775.00
	Miscellaneous Operations	168,944.12	157,128.64
	General	130,880.00	159,417.14
	Transportation for Investment—Cr.		860.88
	Total Operating Expenses	$2,714,230.72	$2,840,459.09
	BALANCE	$1,454,350.42	$1,034,155.06
	OTHER INCOME		
	Ore Royalties	Dr. $ 3,537.67	Dr. $ 4,539.87
	Hire of Freight Cars	Dr. 121,819.63	Dr. 141,535.12
	Rent—Locomotives	3,268.08	5,074.64
	Rent—Passenger-Train Cars	250.93	1,406.91
	Rent—Work Equipment	670.78	1,350.71
	Joint Facility Rent Income	26,427.39	26,371.99
	Joint Facility Rents	Dr. 3,356.00	Dr. 2,781.77
	Interest and Exchange	Dr. 291,661.49	Dr. 372,877.20
	Interest—Funded Debt	Dr. 240,000.00	Dr. 240,000.00
	Amortization of Discount—Funded Debt	Dr. 32,709.12	Dr. 46,177.38
	Miscellaneous Income	128.80	111.50
	Total	Dr. $ 662,337.93	Dr. $ 773,595.59
	NET RESULT	$ 792,012.49	$ 260,559.47

MAINTENANCE OF WAY AND STRUCTURES

		April 1, 1935, to March 31, 1936	April 1, 1934, to March 31, 1935
201.	Superintendence	$ 25,970.26	$ 38,286.58
202.	Roadway Maintenance	92,974.27	91,530.64
208.	Bridges, Trestles and Culverts	16,051.74	25,255.85
212.	Ties	88,202.53	118,500.19
214.	Rails	48,025.14	32,470.44
216.	Other Track Material	21,120.39	25,326.61
218.	Ballast	8.53	14,290.58
220.	Track Laying and Surfacing	164,541.73	169,608.90
221.	Right-of-Way Fences	3,124.02	4,514.79
223.	Snow and Sand Fences and Snowsheds	364.56	34.51
225.	Crossings and Signs	2,217.64	3,494.60
227.	Station and Office Buildings	46,696.84	30,734.99
229.	Roadway Buildings	8,435.94	7,061.71
231.	Water Stations	8,218.10	11,172.43
233.	Fuel Stations	2,746.45	2,868.67
235.	Shops and Enginehouses	10,384.57	12,357.84
247.	Telegraph and Telephone Lines	13,584.78	10,556.37
249.	Signals and Interlockers	468.59	10.02
253.	Power Plant Buildings	303.01	233.67
257.	Power Transmission Systems	74.91	163.49
259.	Power Distribution Systems	1.14	155.18
269.	Roadway Machines	5,192.62	5,500.61
271.	Small Tools and Supplies	9,419.44	9,776.70
272.	Removing Snow, Ice and Sand	62,030.70	49,587.78
273.	Assessments for Public Improvements	38.19	105.92
274.	Injuries to Persons	5,886.98	6,422.62
275.	Insurance	7,176.18	5,449.68
276.	Stationery and Printing	1,279.62	1,114.69
277.	Other Expenses	1,119.00	1,313.75
278.	Maintaining Joint Tracks, Yards and Other Facilities—Dr.	1,061.00	871.03
279.	Maintaining Joint Tracks, Yards and Other Facilities—Cr.	12,735.76	16,214.31
280.	Equalization—Way and Structures—Dr.	75,000.00	329,816.92
280.	Equalization—Way and Structures—Cr.	200,000.00	244,816.92
	Total	$ 508,983.11	$ 747,556.53

MAINTENANCE OF EQUIPMENT

		April 1, 1935, to March 31, 1936	April 1, 1934, to March 31, 1935
301.	Superintendence	$ 25,748.74	$ 23,730.86
302.	Shop Machinery	8,843.85	5,588.62
304.	Power Plant Machinery	2,977.04	1,865.36
308.	Steam Locomotives—Repairs	199,583.06	208,568.52
309.	Steam Locomotives—Depreciation	49,875.54	51,524.43
314.	Freight-Train Cars—Repairs	105,232.48	101,568.46
315.	Freight-Train Cars—Depreciation	20,742.60	20,793.39
317.	Passenger-Train Cars—Repairs	91,244.61	94,352.44
318.	Passenger-Train Cars—Depreciation	23,309.52	24,938.43
320.	Motor Equipment of Cars—Repairs	895.41	
326.	Work Equipment—Repairs	22,086,65	21,163.08
327.	Work Equipment—Depreciation	9,654.46	9,776.18
332.	Injuries to Persons	2,515.86	2,300.91
333.	Insurance	8,027.78	5,995.75
334.	Stationery and Printing	1,482.48	2,098.24
335.	Other Expenses	3,212.04	1,225.25
337.	Maintaining Joint Equipment at Terminals —Cr.	7,969.34	7,490.52
	Total	$ 567,462.78	$ 567,999.40

TRAFFIC

351.	Superintendence	$ 13,195.41	$ 12,648.05
353.	Advertising	1,298.81	2,238.14
354.	Traffic Associations	584.27	241.46
356.	Industrial and Immigration Bureaus	17.70	20.00
358.	Stationery and Printing	1,725.24	2,295.61
	Total	$ 16,821.43	$ 17,443.26

TRANSPORTATION

		April 1, 1935, to March 31, 1936	April 1, 1934, to March 31, 1935
371.	Superintendence	$ 40,869.13	$ 31,400.07
372.	Dispatching Trains	19,723.40	20,706.61
373.	Station Employees	225,195.77	220,595.60
374.	Weighing, Inspection, and Demurrage Bureaus	700.18	759.09
376.	Station Supplies and Expenses	26,859.52	26,780.79
377.	Yardmasters and Yard Clerks	33,839.04	35,145.68
378.	Yard Conductors and Brakemen	45,506.10	43,490.88
379.	Yard Switch and Signal Tenders	1,931.94	1,852.41
380.	Yard Enginemen	30,407.07	28,730.41
382.	Fuel for Yard Locomotives	49,797.18	46,669.28
385.	Water for Yard Locomotives	1,967.07	2,095.25
386.	Lubricants for Yard Locomotives	327.35	315.41
387.	Other Supplies for Yard Locomotives	315.29	287.72
388.	Enginehouse Expenses—Yard	22,660.92	24,158.66
389.	Yard Supplies and Expenses	1,374.22	1,364.96
390.	Operating Joint Yards and Terminals—Dr.	2,295.40	1,909.75
391.	Operating Joint Yards and Terminals—Cr.	81,025.24	80,224.73
392.	Train Enginemen	160,897.34	136,257.50
394.	Fuel for Train Locomotives	370,940.56	328,055.48
397.	Water for Train Locomotives	19,847.19	20,981.13
398.	Lubricants for Train Locomotives	5,455.55	5,492.13
399.	Other Supplies for Train Locomotives	2,734.88	1,799.96
400.	Enginehouse Expenses—Train	58,953.60	53,063.81
401.	Trainmen	175,769.29	149,469.26
402.	Train Supplies and Expenses	60,970.23	54,920.13
405.	Crossing Protection	1,237.57	1,066.83
410.	Stationery and Printing	15,561.33	15,193.19
411.	Other Expenses	623.39	173.26
414.	Insurance	2,411.55	2,149.74
415.	Clearing Wrecks	3,876.84	354.00
416.	Damage to Property	116.03	52.44
417.	Damage to Live Stock on Right-of-Way	81.13	332.55
418.	Loss and Damage—Freight	5,426.37	3,380.76
419.	Loss and Damage—Baggage	4.75	116.89
420.	Injuries to Persons	13,487.34	12,878.10
	Total	$1,321,139.28	$1,191,775.00

MISCELLANEOUS OPERATIONS

		April 1, 1935, to March 31, 1936	April 1, 1934, to March 31, 1935
441.	Dining and Buffet Service	$ 30,591.94	$ 27,839.41
442.	Hotels and Restaurants	39,192.59	38,245.79
447.	Commercial Telegraph—Maintenance	10,678.89	9,053.90
448.	Commercial Telegraph—Operation	26,917.85	24,512.28
449.	Commercial Telephone—Maintenance	13,522.87	13,708.09
450.	Commercial Telephone—Operation	48,039.98	43,769.17
	Total	$ 168,944.12	$ 157,128.64

GENERAL

		April 1, 1935, to March 31, 1936	April 1, 1934, to March 31, 1935
451.	Salaries and Expenses of General Officers	$ 37,084.59	$ 46,532.00
452.	Salaries and Expenses of Clerks and Attendants	62,205.88	87,364.07
453.	General Office Supplies and Expenses	3,299.42	4,559.44
454.	Law Expenses	4,412.30	2,815.45
455.	Insurance	63.05	87.17
457.	Pensions	18,801.42	12,118.78
458.	Stationery and Printing	3,925.16	4,204.96
460.	Other Expenses	1,568.00	2,246.42
462.	General Joint Facilities—Cr.	479.82	511.15
		$ 130,880.00	$ 159,417.14

TRAFFIC AND MILEAGE STATISTICS

Passenger Traffic

Total passengers carried earning revenue	335,700
Number of passengers carried one mile	25,149,960
Number of passengers carried one mile per mile of road	48,864
Average distance carried—miles	74.92
Total passenger revenue	633,867.09
Average amount received from each passenger	1.89
Average receipts per passenger per mile (cents)	.02.52
Total passenger train service revenue	819,726.64
Passenger service train revenue per mile of road	1,592.66
Passenger service train revenue per train mile	1.94

Freight Traffic

Number of tons carried earning revenue	1,103,991
Number of tons carried earning revenue one mile	217,707,075
Number of tons carried earning revenue one mile per mile of road	422,987
Average distance haul of one ton—miles	197.2
Total freight revenue	2,998,245.98
Average amount received for each ton	2.72
Average amount received per ton per mile (cents)	.01.38
Freight revenue per mile of road	5,825.34
Freight revenue per train mile	5.35

Total Traffic

Operating revenue	4,168,581.14
Operating revenue per mile of road	8,099.21
Operating revenue per train mile	4.24
Operating expenses	2,714,230.72
Operating expenses per mile of road	5,273.53
Operating expenses per train mile	2.76
Net operating revenue	1,454,350.42
Net operating revenue per mile of road	2,825.68

Car Mileage

Average number of passengers carried one mile per car mile	8.8
Average number of passengers carried one mile per train mile	59.6
Average number of passenger cars per train mile	6.8
Mileage of passenger cars	2,872,389
Mileage of loaded freight cars	10,148,471
Mileage of empty freight cars	3,965,420
Average number of freight cars per train mile	26.2
Average number of loaded freight cars per train mile	18.1
Average number of empty freight cars per train mile	7.1
Average number of tons of freight per train mile	388.6
Average number of tons of freight per loaded car mile	21.5
Average miles operated during the year	514.69

Train Mileage

Mileage of revenue passenger trains	422,146
Mileage of revenue freight trains	560,208
Total revenue train mileage	982,354

FREIGHT TRAFFIC

Railway's Material Excluded—April 1st, 1935, to March 31st, 1936

COMMODITY	Whole Tons
Products of Agriculture:	
Wheat	65
Corn	33
Oats	1,624
Barley	8

Other Grain	646
Flour	4,414
Other Mill Products	13,373
Hay and Straw	4,193
Apples (fresh)	1,685
Other Fruit (fresh)	3,441
Potatoes	4,256
Other Fresh Vegetables	3,952
Other Agricultural Products	273
Products of Animals:	
Horses	984
Cattle and Calves	1,011
Sheep	80
Hogs	44
Dressed Meats (fresh)	7,772
Dressed Meats (cured, salted, canned)	12
Other Packing House Products (Edible)	1,143
Poultry	26
Eggs	510
Butter	269
Hides and Leather	18
Products of Mines:	
Anthracite Coal	18,337
Bituminous Coal	117,384
Coke	2,289
Other Ores and Concentrates	4,928
Sand and Gravel	935
Stone (crushed, ground, broken)	7,758
Slate, Dimension or Block Stone	20
Asphalt (Natural, By-Product Petroleum)	439
Salt	1,314
Other Mine Products	30
Products of Forests:	
Logs, Posts, Poles, Piling	23,000
Cordwood and Other Firewood	12,629
Ties	1,112
Pulpwood	135,129
Lumber, Timber, Box, Crate and Cooperage Material	96,047
Manufactures and Miscellaneous:	
Gasolene	22,367
Petroleum Oils and Other Petroleum Products (except asphalt and gasolene)	9,143
Sugar	4,543
Iron, Pig and Bloom	403
Rails and Fastenings	2,742
Iron and Steel (Bar, Sheet, Structural, Pipe)	12,160
Castings, Machinery and Boilers	13,888
Cement	11,236
Brick and Artificial Stone	9,327
Lime and Plaster	22,851
Sewer Pipe and Drain Tile	312
Agricultural Implements and Vehicles other than Autos	432
Automobiles, Auto Trucks and Auto Parts	1,826
Household Goods and Settlers' Effects	1,489
Furniture	394
Liquor, Beverages	15,044
Fertilizers, all kinds	91
Newsprint Paper	283,758
Other Paper	100
Wood Pulp	88,158
Fish (fresh, frozen, cured, etc.)	408
Canned Goods (all Canned Food Products except meats)	6,611
Other Manufactures and Miscellaneous	70,318
Merchandise (all L.C.L. Freight)	55,207
	1,103,991

STATISTICS

Comparative Passenger and Freight Traffic Statement

	Passengers	Revenue
Number of Passengers carried during year 1905	86,648	$ 108,681.76
" " " 1906	359,861	254,759.33
" " " 1907	518,678	388,343.03
" " " 1908	479,005	366,504.53
" " " 1909	580,748	483,110.89
" " " 1910	670,913	606,967.91
" " " 1911	479,102	653,063.01
" " " 1912	497,452	599,681.73
" " " 1913	508,055	576,049.37
" " " 1914	535,869	544,820.08
" " " 1915	480,995	482,349.80
" " " 1916	485,759	624,808.12
" " " 1917	499,759	655,127.58
" " " 1918	436,984	647,162.91
" " " 1919	525,714	853,363.52
" " " 1920	609,879	1,021,079.95
" " " 1921	685,928	1,223,387.14
" " " 1922	633,491	1,097,394.03
" " " 1923	708,144	1,273,807.69
" " " 1924	725,922	1,369,045.61
" " " 1925	664,242	1,150,278.18
" " " 1926	634,320	1,180,543.65
" " " 1927	647,740	1,248,100.25
" " " 1928	637,145	1,277,950.61
" " " 1929	549,973	1,063,426.10
" " " 1930	516,816	997,649.44
" " " 1931	422,552	838,019.24
" " " 1932	295,347	578,126.20
" " " 1933	245,451	500,684.85
Number of Passengers carried during year ended October 31st, 1934	314,047	599,445.08
Number of Passengers carried during period November 1st, 1934, to March 31st, 1935	165,838	265,987.70
Number of Passengers carried during year ended March 31st, 1936	335,700	633,867.09
	15,938,077	$24,163,586.38

	Tons	Revenue
Number of Tons of Freight carried during year 1905	99,192	$ 121,530.46
" " " 1906	273,749	230,552.63
" " " 1907	393,589	390,894.29
" " " 1908	484,444	471,203.41
" " " 1909	498,645	756,141.66
" " " 1910	624,820	852,886.46
" " " 1911	564,120	974,678.33
" " " 1912	562,734	929,464.66
" " " 1913	674,942	906,476.16
" " " 1914	742,366	952,090.35
" " " 1915	676,938	925,735.37
" " " 1916	922,618	1,320,569.33
" " " 1917	960,714	1,459,459.93
" " " 1918	1,233,510	1,937,054.80
" " " 1919	1,068,775	2,036,274.38
" " " 1920	1,361,185	2,728,092.92
" " " 1921	1,298,400	3,047,925.57
" " " 1922	1,185,453	2,779,673.11
" " " 1923	1,550,651	3,431,621.04
" " " 1924	1,410,725	3,296,211.95
" " " 1925	1,350,795	3,181,378.01
" " " 1926	1,355,298	3,146,070.59
" " " 1927	1,321,110	3,336,174.25
" " " 1928	1,371,021	3,437,452.26
" " " 1929	1,376,581	3,308,624.11
" " " 1930	1,391,655	3,336,628.11
" " " 1931	1,253,323	3,457,937.44
" " " 1932	946,692	2,835,196.48

Number of Tons of Freight carried during year 1933..	823,946	2,279,649.73
Number of Tons of Freight carried during year ended October 31st, 1934	930,433	2,608,355.56
Number of Tons of Freight carried during period November 1st, 1934, to March 31st, 1935	420,231	1,078,612.83
Number of Tons of Freight carried during year ended March 31st, 1936	1,103,991	2,998,245.98
	30,232,646	$64,552,862.16

NIPISSING CENTRAL RAILWAY

Mileage Operated at the Close of the Fiscal Year March 31, 1936

	Miles	Total Miles
Kirkland Lake Sub-Division		
Main Track Swastika to Noranda, Que.	59.74	
Sidings and Yard Tracks	8.98	
		68.72
Private Sidings under siding agreement	2.20	
Private Sidings under privately owned	1.37	
		3.57
Total		72.29

NIPISSING CENTRAL RAILWAY
General Balance Sheet—March 31, 1936

Assets			Liabilities		
Property Owned:					
Cost of Road		$4,106,740.15	Capital Stock		$ 159,000.00
			T. & N. O. Railway Advance		4,603,743.43
Current Assets:			Current Liabilities:		
Cash	$ 63,133.88		Audited Accounts	$109,117.93	
Accounts Collectible	22,669.91		Traffic Balances	54,135.32	
Agents and Conductors	17,017.11				163,253.25
Ballast Pit Operations	9,671.59				
		112,492.49			
Profit and Loss—Deficit		706,764.04			
		$4,925,996.68			$4,925,996.68

Profit and Loss Account

To Deficit at March 31st, 1935		$ 273,398.78	By Loss and Adjustments Steam Lines Transferred to T. & N. O. Railway	$ 19,467.73
To Retired Electric Road and Equipment:			By Deficit at March 31st, 1936, as per Balance Sheet	706,764.04
Road	$258,676.81			
Equipment	82,394.73			
Material and Supplies	10,634.07			
		351,705.61		
To Bad Accounts Written Off—Electric Lines:				
Townsite Sales	3,859.28			
Accounts in Suspense	1,315.56			
		5,174.84		
To Franchise Written Off — Electric Lines		1.00		
To Retired Road and Equipment — Steam Lines		1,590.41		
To Bad Accounts Written Off — Steam Lines		79.46		
To Loss from Operating for Year — Steam Lines		17,797.86		
To Adjustment of Balance Owing T. & N. O. Railway		76,483.81		
		$ 726,231.77		$ 726,231.77

COMPARATIVE STATEMENT OF EARNINGS, EXPENDITURES AND RESULT OF OPERATION APRIL 1, 1934, TO MARCH 31, 1936

		April 1, 1935, to March 31, 1936	April 1, 1934, to March 31, 1935
	REVENUE		
	Transportation		
101.	Freight	$ 279,337.84	$ 283,826.16
102.	Passenger	68,385.52	66,194.84
103.	Excess Baggage	1,452.28	821.29
106.	Mail	2,309.89	1,869.82
109.	Milk	171.39	144.35
110.	Switching	597.29	545.88
111.	Special Service Train	1,023.25	
	Total	$ 353,277.46	$ 353,402.34
	Incidental		
133.	Station, Train and Boat Privileges	$ 31.86	$ 18.50
135.	Storage—Freight	649.58	789.77
136.	Storage—Baggage	124.35	82.05
137.	Demurrage	528.00	476.52
142.	Rents of Buildings and Other Property	4,312.38	4,166.58
143.	Miscellaneous	404.49	669.50
	Total	$ 6,050.66	$ 6,202.92
	Total Revenue	$ 359,328.12	$ 359,605.26
	EXPENDITURES		
	Maintenance of Way and Structures	$ 98,916.01	$ 105,106.94
	Maintenance of Equipment	46,152.81	16,424.52
	Traffic	2,258.28	959.13
	Transportation	189,099.42	160,221.53
	General	16,192.32	6,118.26
	Total Operating Expenses	$ 352,618.84	$ 288,830.38
	BALANCE	$ 6,709.28	$ 70,774.88
	OTHER INCOME		
	Hire of Freight Cars	Dr. $ 23,513.60	Dr. $ 9,555.66
	Rent—Locomotives		Dr. 1,299.03
	Rent—Passenger-Train Cars		Dr. 802.36
	Rent—Work Equipment		Dr. 174.77
	Interest and Exchange	1,504.38	1,764.93
	Miscellaneous Income	146.25	139.50
	Miscellaneous Rents	Dr. 127.00	Dr. 127.00
	Taxes	Dr. 2,517.17	Dr. 2,517.17
	Total	Dr. $ 24,507.14	Dr. $ 12,571.56
	NET RESULT	Dr. $ 17,797.86	$ 58,203.32

STATEMENT OF EXPENDITURES ON CONSTRUCTION—FISCAL YEAR ENDING MARCH 31, 1936

ELECTRIC LINES

Road	Cr. $	285,526.97	
Equipment	Cr.	82,993.23	
			Cr. $ 368,520.20

STEAM LINES

1.	Engineering	$	531.63	
2.	Land for Transportation Purposes		7.03	
3.	Grading		51,300.45	
6.	Bridges, Trestles and Culverts		996.64	
8.	Ties	Cr.	310.93	
9.	Rails		385.86	
10.	Other Track Material	Cr.	3,309.52	
11.	Ballast		3,860.00	
12.	Track Laying and Surfacing	Cr.	124.06	
16.	Station and Office Buildings		2,523.35	
26.	Telegraph and Telephone Lines		469.17	
				56,329.62
				Cr. $ 312,190.58

DETAILS OF CHARGES

ELECTRIC LINES

Retirement of Electric Lines—Road	Cr. $	284,154.92	
Retirement of Electric Lines—Equipment	Cr.	82,993.23	
Retirement of Haileybury Lumber Co. Spur	Cr.	1,372.05	
			Cr. $ 368,520.20

STEAM LINES

Revision of Line M.P. 7, Kirkland Lake Sub.-Div.	$	53,313.40	
Culvert in Kirkland Lake Yard		860.35	
Shelter Station—Argonaut Road	Cr.	533.88	
Station—Arntfield, Que.		2,523.35	
Shelter Station—Evain, Que.		533.88	
Track Changes—Cheminis	Cr.	2,667.90	
			54,029.20

PRIVATE SIDINGS INSTALLED AND REMOVED

McNamara Construction Co.—M.P. 4.9, Kirkland Lake Sub-Div.	$	665.97	
McNamara Construction Co.—M.P. 13, Kirkland Lake Sub-Div.		528.21	
Omega Gold Mines—Larder Lake		741.28	
Crown Reserve Mines—Larder Lake	Cr.	841.28	
Noranda Mines—Noranda		1,206.24	
			2,300.42
			Cr. $ 312,190.58

Thirty-First Annual Report

OF THE

ONTARIO MUNICIPAL BOARD

To December 31st, 1936

PRESENTED TO THE LEGISLATIVE ASSEMBLY

BY COMMAND

SESSIONAL PAPER No. 24, 1937

ONTARIO

TORONTO

Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty

1937

To Colonel, The Honourable Herbert A. Bruce,

Lieutenant-Governor of the Province of Ontario, in Council.

May It Please Your Honour:

The undersigned has the honour to transmit herewith the Thirty-First Report of the Ontario Municipal Board for the year ending December 31st, 1936.

Respectfully submitted,

David A. Croll,

Minister of Municipal Affairs.

Parliament Buildings,

Toronto, March, 1937.

Parliament Buildings,
Toronto, Canada,
March 17th, 1937.

DEAR SIR: *Re Thirty-first Annual Report.*

I have the honour to send you herewith the Thirty-first Annual Report of the Ontario Municipal Board, to December 31st, 1936.

Your obedient servant,

M. B. SANDERSON,
Acting Secretary.

The Honourable David A. Croll,
Minister of Municipal Affairs,
Parliament Buildings,
Toronto.

ORGANIZATION

The Organization of the Ontario Municipal Board of the Province of Ontario is as follows:—

E. W. Cross, M.A., ... *Chairman*

W. M. Brodie, ... *Vice-Chairman*

H. L. Cummings, ... *Commissioner*

M. B. Sanderson, ... *Acting-Secretary*

J. A. McDonald, ... *Inspector of Telephone Service*

THIRTY-FIRST ANNUAL REPORT

of the

Ontario Municipal Board

To December 31st, 1936

In pursuance of Section 162 of "The Ontario Municipal Board Act, 1932", the Ontario Municipal Board beg leave respectfully to submit their Thirty-first Annual Report.

The Ontario Municipal Board Act

Since the passing of "The Ontario Municipal Board Act, 1932" (Chapter 27), amendments have been made by Chapter 39, Ontario Statutes, 1934; Chapter 51, Ontario Statutes, 1935; and Chapter 45, Ontario Statutes, 1936.

Applications To The Board

There were 895 applications to the Board during 1936, and in regard to 143 of these public Hearings were held. The applications included a great variety of matters falling within the jurisdiction of the Board and are set out in the "Abstract and Summary" contained in the Appendix to this Report.

Sittings Of The Board

The Board held meetings for the transaction of routine business and the disposal of applications every juridical day throughout the year and, as will be noted, over eighty per cent. of the applications were dealt with informally. These informal applications, disposed of without the necessity of Hearings, entailed in many instances a considerable amount of inquiry and consideration on the part of the Board's officials, especially those coming under the amendment of 1935 to the Board's Act requiring all capital undertakings and expenditures by Municipalities to be approved by the Board.

Revenue

During 1936 the total amount of the Board's Revenue was $15,202.53.

Of this amount $9,462.85 was collected by the Board in Law Stamps. The balance, $5,739.68, represents the amount of fees, collected by the Department of Highways and credited to the Board, in respect to the Hearing of applications for public Vehicle and Public Commercial Vehicle Licenses.

In 1932 the amount collected in Law Stamps was $9,033.00; 1933—$6,935.50; 1934—$5,159.00; and $4,934.00 in 1935.

APPROVAL OF UNDERTAKING OF CAPITAL EXPENDITURES BY MUNICIPALITIES

On the 18th April, 1935, an Act to amend "The Ontario Municipal Board Act, 1932" (Chapter 51), came into effect, enacting, by section 4 thereof, section 89, whereby a Municipality is prohibited from exercising any of its powers to proceed with, authorize or provide any moneys for any undertaking, work, project, scheme, act, matter or thing, the cost or any portion of the cost of which it is intended or required to be provided or raised by the issue of debentures of the Municipality, until the approval of this Board is first obtained. This enactment over-rides the provisions of any general or Special Act. This of course necessitated a great many applications to the Board, a list of which will be found in the Summary, indexed under "Capital Expenditures".

In the 417 applications filed with the Board under this legislation the total amount of the expenditures involved was $19,911,716.67.

ARBITRATIONS

In 1936 the Board acted as Arbitrators in connection with eight applications made to it under "The Power Commission Act", "The Public Utilities Act", "The Highway Improvement Act" and "The Ontario Municipal Board Act, 1932".

DETACHMENT OF FARM LANDS

Under section 21 of "The Municipal Act" three applications were made to the Board in 1936 for the detachment of certain farm lands from urban municipalities. A list of these will be found in the Summary.

RESTRICTED AREAS

Under section 398 of "The Municipal Act" the Board considered seventeen applications for approval of Municipal By-laws placing restrictions on certain areas, as to use of land and the erection and use of buildings thereon, and also, under subsection (2b) of this section, thirty-one applications for variation of restricted areas already established. A list of these will be found in the Summary, and are indexed under "Restricted Areas".

SUPERVISED MUNICIPALITIES

During 1936 Orders were issued by the Board under Part III of "The Department of Municipal Affairs Act, 1935", respecting the supervision of three municipalities. Prior to the coming into effect of this Act the supervision of the financial affairs of Municipalities in default was under the control of a Committee of Supervisors appointed by the Board; such control is now vested in the Department of Municipal Affairs.

Schemes for the refunding of the debts of two supervised Municipalities—the City of Windsor and the Town of Mimico—were before the Board for consideration pursuant to "The Department of Municipal Affairs Act".

EXTENSION OF MUNICIPALITY UTILITIES

(Section 399 (2) of "The Municipal Act")

An alphabetical list of the Municipalities applying to the Board for approval of extensions of Public Utilities under this legislation will be found in the Summary, indexed under the word "Approval". The debenture issues therefor approved by the Board in 1936 amounted to $65,000.

FLOATING INDEBTEDNESS

(Section 78 (d) of Part V., Chapter 27, Ontario Statutes, 1932)

Under this legislation the Board issued Orders in respect to thirteen Municipalities, authorizing debenture issues totalling $900,119.56. This meant a considerable saving of expense to the Municipalities concerned, as special Acts of the Legislature would otherwise have been necessary.

UNEMPLOYMENT RELIEF

(Section 7 of 'The Unemployment Relief Act, 1935").

In 1936 the Board considered and approved applications for debenture issues for Unemployment Relief measures amounting to $2,216,039.76. These applications were necessarily co-related with applications for approval of the undertaking of capital expenditures, and are included with the list of same in the summary and are so indexed.

The policy of the Board is to curtail, as far as possible, the funding of Direct Relief costs by Municipalities. Having regard, however, to the special circumstances in each case, the Board granted permission to eleven Municipalities to the funding of a total amount of $4,426,392 for Direct Relief costs in 1936.

ASSESSMENT APPEALS

There were 93 Assessment Appeals filed with the Board during 1936, under section 83 of "The Assessment Act". The assessed value of the properties in question therein amounted to $16,778,711.00. A list of these will be found in the Summary, indexed under "Assessment Appeals".

VALIDATION OF MUNICIPAL DEBENTURES

49 Applications were made to the Board in 1936 for validation of Municipal By-laws and certification of the debentures authorized thereunder. The total of such debenture issues was $2,503,336.19.

While purchasers of debentures have, in some cases, been satisfied with Orders of the Board under section 89 of the Board Act as enacted by section 4, Chapter 51, Ontario Statutes, 1935, it has been found that Orders validating the By-laws as finally passed, and providing for certification of the debentures, facilitates the marketing of the issue. Part V. of the Board's Act, 1932, is the only legislation giving the Board authority to issue a Validation Order.

PLANS

(Land subdivisions)

Under "The Planning and Development Act" (Chapter 236, R.S.O., 1927); "The Land Titles Act" (Chapter 158 R.S.O., 1927), Section 110; and "The Registry Act" (Chapter 155, R.S.O. 1927), Section 80, subsections (14) and (18), 21 plans were presented to the Board for approval and certification. An alphabetical list of the owners of the properties in question is contained in the Summary.

Provincial Railways

An alphabetical list (under the names of the Railway Systems affected) of applications to the Board during 1936 is contained in the Summary.

Extensions of and improvements to Provincial Railways during 1936, as reported to the Board, will also be found in the Summary, (arranged alphabetically) under the names of the several Systems reporting.

Annual Reports, to December 31st, 1936, by Railway Companies under the Board's jurisdiction were received, of which a summarized tabulation has been prepared for publication herein. The Board has no means of auditing these reports as received and does not therefore represent or guarantee that the figures taken therefrom are correct or accurate.

Accidents

A tabulation of Accident Reports received by the Board from Provincial Railways during the year 1936 is included in the Summary and shows that 24 persons were killed and 1,263 injured during the year

Truck Licenses and Public Commercial Vehicle Licenses.

Pursuant to Chapter 49, Ontario Statutes, 1933, the hearing of applications for Truck and Public Commercial Vehicle licenses is vested in this Board, and the Board, in the exercise of the powers so conferred, may grant or refuse a Certificate. It then rests with the Department of Highways, in its discretion, to issue or refuse the license.

It has been necessary, to conduct these inquiries, for the Board to set aside at least two days a month for the hearing of these applications, and the first and third Mondays have accordingly been reserved. During 1936 the Board heard approximately 95 applications for bus licenses and 1646 for Public Commercial Vehicles licenses.

In pressing an application before the Board the Applicant may appear in person or be represented by his Solicitor, or, if unable to appear in person may send to the Board such information as he thinks will entitle him to the Certificate. The Board endeavors, to the best of its ability, to obtain a knowledge of all the relative facts and circumstances in regard to each application and, taking into consideration only the necessity and convenience of service to the general public, to decide accordingly.

Forms

The Board has (for distribution to parties interested) the following forms and specifications, namely:—

1. The Board's Rules of Practice and Procedure and Practice Forms.
2. Regulations, Specifications and Forms respecting Railways.
3. Standard Specifications for Bridges, Viaducts, Trestles or other structures.
4. Memorandum of material required in support of application for approval of undertaking of capital expenditure involving debenture issue, under section 89 of "The Ontario Municipal Board Act, 1932", as enacted by section 4, Chapter 51, Ontario Statutes, 1935.

5. Forms for submission of a By-law or question to a poll, under "The Municipal Act".

6. Form for Money By-law.

7. Forms of affidavits in support of application under Part V. of "The Ontario Municipal Board Act, 1932".

8. Preliminary Resolution under Section 8 of "The Local Improvement Act".

9. Forms for Annual Reports by Railway Systems.

10. Forms for Reports as to Examination of Motormen.

11. Forms for Reports of Accidents by Railway Systems.

12. Directions for guidance of applicants under subsection (2) of section 399 of "The Municipal Act".

13. Tariff of the Board's fees.

14. Forms under "The Planning and Development Act", with directions for guidance of applicants thereunder.

15. "The Telephone Act".

16. Form of Annual Report to be furnished to the subscribers to a Telephone System established under Part II of "The Telephone Act".

17. Instructions for preparation of Annual Report as mentioned in No. 16.

18. Pamphlet containing information regarding Provincial Telephone Systems, and including

    (*a*) Form of By-law providing for the establishment of a Telephone System under Part II of "The Telephone Act".

    (*b*) Form of By-law providing for the issue of debentures to pay for the cost of establishing a telephone system under Part II of "The Telephone Act".

    (*c*) Form of By-law to regulate the management and operation of a telephone system established under Part II of "The Telephone Act".

    (*d*) Form of Account for the use by Telephone Companies using the "Discount System of Collections".

    (*e*) Form of Municipal Debenture—Instalment Plan.

    (*f*) Form of Constitution and By-laws for a Telephone Company.

19. Forms of Petition praying for the establishment or extension of a Telephone System, under Part II of "The Telephone Act".

20. Forms of By-laws granting to a Telephone Company the right to use the highways of a Township.

21. Form for Return by Municipality operating a Telephone System.

22. Form for Return by Company, etc., operating a Telephone System.

23. Form for Tariff of Tolls for Telephone System.

24. Form for Return by Companies required by Order of the Board to set up a reserve for depreciation.

MISCELLANEOUS MATTERS UNDER THE BOARD'S JURISDICTION

A classified analysis of miscellaneous matters dealt with by the Board in 1936 will be found in the Summary. These include Arbitrations; Assessment Appeals, under section 83 of "The Assessment Act"; Applications under "The Beaches and River Beds Act (Chapter 299, R.S.O., 1927); Appeals to the Board under "The Department of Municipal Affairs Act; Detachment of Farm lands—Section 21 of "The Municipal Act"; Deviation of Boundary roads between Townships—Section 480 of "The Municipal Act"; Extension of debenture issue period of Municipal By-laws—Section 296 (11) and (12) of "The Municipal Act"; Floating Indebtedness, authority to Municipalities to issue debentures to pay—Section 78 (d) of Chapter 27, Ontario Statutes, 1932; "The (Municipal) Franchises Act, Section 8, subsections (3) and (4), as enacted by section 2, Chapter 39, Ontario Statutes, 1933; Highways, Department of, Claims against—Applications under section 77a of "The Highway Improvement Act"; Highways (Narrow), approved under Section 490 (2) of "The Municipal Act"; Increased borrowings by Municipal Councils—Section 334 (7) of "The Municipal Act" as re-enacted by section 10 (2) of Chapter 37, Ontario Statutes, 1933; Interest Decrease By-laws approved under section 300 of "The Municipal Act"; Lanes, opening and paving of—Section 27a of "The Local Improvement Act", as re-enacted by section 3, Chapter 26 Ontario Statutes, 1933; Legislation (Special)—By-laws, etc., approved under; License fee—approval of the fixing of Annual fee for bicycles—Section 411 (9) of the "Municipal Act"; Local Improvements, approval of the passing of Construction By-laws therefor, under section 8 of "The Local Improvement Act" as re-enacted by section 2, Chapter 30, Ontario Statutes, 1932; Local Improvements, abandonment of part of work—Section 18 of "The Local Improvement Act"; Apportionment of cost of Local Improvement Work, aproval of By-laws under section 26 (3) of "The Local Improvement Act"; The Ontario Municipal Board Act, 1932"; "The Public Parks Act"—Chapter 248, R.S.O., section 12; approval of the setting aside portion of Park for athletic purposes, etc.; Restrictions as to use of land or buildings, etc., approval of By-laws providing for—section 398 of "The Municipal Act" and repeal or amendment to restricted areas—subsection (2b) of said section 398; Sinking Funds—approval of investment of—section 317 of "The Municipal Act"; Supervised Municipalities, under Part III, Chapter 16, Ontario Statutes, 1935; Tax Rate, approval of further debt and levies,—Section 306 (2) of "The Municipal Act"; Unemployment Relief Measures and Direct Relief—Section 7 of "The Unemployment Relief Act, 1935"; and Works ordered by the Dominion Railway Board, approval of By-laws for—under section 297 (2), (f), of "The Municipal Act", as re-enacted by section 18, Chapter 50, Ontario Statutes 1931.

M. B. SANDERSON,

Acting Secretary.

THE ONTARIO MUNICIPAL BOARD

REPORT OF THE INSPECTOR OF TELEPHONE SERVICE FOR THE YEAR 1936.

The following applications under the provisions of "The Telephone Act" were dealt with by the Board in 1936:

Under Section 31	For approval of the purchase of an existing telephone system by a municipality, or any portion thereof	4
Under Section 52	For an order approving appointment of commissioner to fill vacancy	1
Under Section 59	For an Order prescribing the data for holding the annual meeting of subscribers	3
Under Section 80	For the approval of municipal by-laws granting the right to erect poles and wires upon the highways	8
Under Section 88	For the approval of by-laws of a telephone company	13
Under Section 97	For the approval of agreements providing for interchange of service	7
Under Section 98	For an Order fixing the terms and conditions for interchange of service	1
Under Section 102	For the approval of the sale of telephone systems	7
Under Section 104	For the approval of charges for telephone service	20
Under Section 105	For authority to furnish free telephone service	1
Under Section 110	For authority to expend a portion of the moneys set aside for depreciation upon new construction or extensions or in the purchase of securities	9
Under Section 111	For authority to issue stocks and bonds	3
	Total Number of Applications	77

The continued policy of the Board in endeavouring to secure an amicable settlement of matters in dispute between the application and respondent has proved successful in the majority of cases.

In addition to the applications and complaints referred to, a vast amount of correspondence relating to telephone matters has been dealt with by the Board's Telephone Department, through the medium of which much information and assistance has been given to municipalities, companies and other persons interested, and many difficulties which might otherwise have necessitated a formal application and public hearing have been satisfactorily adjusted.

The following changes in the Board's records of telephone systems coming within its jurisdiction were made during the year:

The Municipal Corporation of the City of Fort William acquired from the Municipality of the Township of O'Connor its System known as the O'Connor Municipal Telephone System, comprising 7 telephones.

Anthony N. Mousseau acquired from M. J. O'Brien all interests in the system known as the Calabogie and Renfrew Telephone Association, comprising 53 telephones.

The System of the Houghton and Bayham Telephone Company Limited, comprising 153 telephones was acquired in part by the Aylmer and Malahide Telephone Company, Limited and the balance by the Norfolk and Tillsonburg Telephone Company, Limited.

A new Company known as the Algoma Central Telephone Company, Limited obtained Letters Patent of Incorporation.

The Bell Telephone Company of Canada purchased the systems of the Salem Telephone Company, Limited, comprising 8 telephones and the Bethesda Mutual Telephone Company, Limited, comprising 12 telephones.

The telephone lines formerly operated by the Carpenter-Hixon Company have been acquired by the Forests Branch of the Department of Lands and Forests of Ontario.

The number of telephone systems within the jurisdiction of Ontario of which the Board has record is 596, operating 106,374 telephones, 32,600 miles of pole lead carrying 172,366 miles of wire and representing an investment of about $10,250,000.00.

There are eleven systems owned and operated by municipalities under the provisions of Part I of the Act, viz: the Cities of Fort William, and Port Arthur, the Towns of Cochrane, Dryden, Fort Frances, Kenora, Keewatin and Rainy River, and the Townships of Allerton, Caledon and Hilliard.

One hundred and twenty-one systems are now established and operating under Part II of the Act, and furnishing service in two hundred and seventy-seven towns, villages and townships.

In addition to the before-mentioned systems, the Forests Branch of the Department of Lands and Forests is operating an extensive system in connection with its work of fire prevention. This system comprises 653 telephone stations, 1,390 miles of pole lead, 1,284 miles of tree line, and 5,046 miles of wire, the total investment being $301,090.19.

Detailed statistics and other information relative to these systems will be found in the appendix to this report, entitled "Telephone Systems 1937".

JAS. A. MCDONALD,

Inspector of Telephone Service.

ABSTRACT AND SUMMARY

of

APPLICATIONS TO THE BOARD

APPLICATIONS TO THE BOARD FOR VALIDATION OF BY-LAWS UNDER PART V. OF CHAPTER 27, ONT. STATUTES, 1932

(*Note*: Abbreviation "I.C." means Irregularities cured; Abbreviation "I" means Irregularities *Not* Cured).

Municipality	By-law No.		Purpose	Amount		Procedure File
Burlington, Town of	827		Local Improvements (Pavements)	$ 9,058.16		A-5548-a
Burlington, Town of	812		Unemployment Relief (Retaining Wall)	18,200.00		A-5803-a
Burlington, Town of	822		Unemployment Relief (Waterworks Extension)	40,000.00		A-5099-b
Burlington, Town of	833		Unemployment Relief (Sewer)	8,434.76		A-5922-a
Bolton, Vlilage of	694		Waterworks System	30,000.00		A-6453-b
Crowland, Township of	329	(1936)	Local Improvements	3,500.00		A-5948-a
Cornwall, Town of	25	(1936)	Local Improvements	14,274.64		A-5651-a
Denbigh, Abinger & Ashby, Township of	232		Additional cost School Bldg. S.S. No. 5	3,600.00		A-5737-c
Exeter, Village of	7 (Amended)	(1934)	Waterworks System	28,000.00		A-6021-d
Exeter, Village of	22	(1936)	Completion of Waterworks System	6,000.00		A-6021-e
Exeter, Village of	15A	(1936)	Community Hall	10,000.00		A-6352-a
Fort William, City of	3406 amended by 3430		Local Improvements	30,550.50	I.C.	A-5071-a
Frontenac, County of	545B	(1936)	Provincial Highway purposes 1934-5	87,177.67		A-5864-a
Fort William, City of	3448		Local Improvement (Sewers)	2,520.25		A-6128
Fort William, City of	3455		Floating debt	400,000.00		A-6254-a
Galt, City of	3052		Local Improvements (part Unemployment Relief Works)	9,491.64		A-5976
Guelph, City of	2322		Unemployment Relief Works and Direct Relief	135,000.00		A-5848-a
Grimsby, Town of	791		Repair to Waterworks Intake pipe	8,660.00		A-6385-b
Guelph, City of	2347		Direct Relief, 1936	115,000.00		A-5941-a
Grantham, Township of	649		Local Improvement (Water Main)	2,880.67		A-6103-a
Hamilton, City of	4770		Local Improvements (City's portion)	784.18		A-5989-a
Hamilton, City of	4771		Local Improvements (Owners' portion)	765.53		A-5989-a
Halton, County of	679		Provincial Highway Construction	25,000.00		A-5827-b
Halton, County of	680		County Highway Construction	3,000.00		A-5827-c
Hamilton, City of	1335		Public School purposes S.S. No. 7	3,700.00		A-6340-a
Kitchener, City of	2508		Unemployment Relief Works (West Ward Storm Drain and completion of 9-hole Golf Course)	60,000.00		A-5443-a
Kitchener, City of	2509		Direct Relief—1935	90,000.00		A-5935-a
Kitchener, City of	2537		Direct Relief—1936	60,000.00		A-5936-a
Kitchener, City of	2534		Public School purposes	72,000.00		A-6354-a
Nipigon, Township of	335		Local Improvement (Front Street Sidewalk)	1,500.00		A-6264-c
Oshawa, City of	2106 (amended)		Relief Undertakings	170,700.00		A-6149-d
Port Arthur, City of	2159		Resurfacing Cumberland Street	34,348.19		A-6022-a
Port Arthur, City of	2163		Public School purposes	12,000.00		A-6003-a

Preston, Town of	1169	Floating Indebtedness	17,000.00	A-6139-a
Preston, Town of	1170	Direct Relief 1935-6	12,000.00	A-5974-b
Rockcliffe Park, Village of	194	Public School purposes (S.S. No. 29)	20,000.00	A-6084-a
Stratford, City of	3618	Direct Relief	50,000.00	A-5784-a
St. Mary's, Town of	629	Floating Indebtedness	30,000.00	A-5979-a
Stratford, City of	3629	Floating Indebtedness	64,000.00	A-6159-a
Swansea, Village of		Local Improvements	239,213.00	A-6124-b
St. Catharines, City of	4342	Direct Relief 1936	20,000.00	A-5986-a
St. Catharines, City of	4293	City Hall, etc.	150,000.00	A-5441-b
Toronto, City of	14524	Suburban Road Construction 1934-5	81,000.00	A-6096
Toronto, City of	14526	Parks purposes	44,000.00	A-6097-
Tisdale, Township of	439 (amended)	Waterworks purposes	150,000.00	A-6221-c
Tisdale, Township of	444	Waterworks purposes	80,000.00	A-6307-a
Teck, Township of	808	Drainage Tunnel	9,000.00	A-6070-a
Teck, Township of	809	Waterworks extensions etc.	37,977.00	A-5558-f
Uxbridge, Town of	936	Public School purposes (Sanitary conveniences)	3,000.00	A-6177-a

APPLICATIONS TO THE BOARD FOR APPROVAL OF BY-LAWS UNDER SUBSECTION (2) OF SECTION 399 OF "THE MUNICIPAL ACT"

Municipality	By-law No.	Purpose	Amount	Procedure File
Exeter, Village of	7 (1934) Amended by 10 (1936)	Waterworks extensions and improvements	28,000.00	A-6021-a
Owen Sound, City of	779	Waterworks extensions etc.	10,000.00	A-5932-a
Owen Sound, City of	780	Extension to Gas Works	10,000.00	A-5933-a
Toronto, City of		Revenue Mains	17,000.00	A-6075-

APPLICATIONS TO THE BOARD UNDER SECTION 89 OF "THE ONTARIO MUNICIPAL BOARD ACT, 1932" AS ENACTED BY SECTION 4, CHAPTER 51, ONTARIO STATUTES, 1935—(APPROVAL OF UNDERTAKING OF CAPITAL EXPENDITURES)

(a) Also approved under Section 8 of "The Local Improvement Act" as re-enacted by Section 2 of "The Local Improvement Amendment Act, 1932".

(b) Also approved under Section 7 of "The Unemployment Relief Act, 1935".

Municipality	Purpose	Amount	Procedure File
Arthur, Villarge of	High School purposes	1,150.00	A-5875
Amaranth, Township of	"Hamilton" Drain	1,736.00	A-6008
Arnprior, Town of	Direct Relief—1934-1935	20,000.00	A-6113-a
Arnprior, Town of	Direct Relief—1936	16,200.00	A-6113-b
Aylmer, Town of	Provincial Highway purposes	3,593.23	A-6133
Aldborough, Township of	Repair, etc. of ''Campbell' Drain	432.00	A-6141-a
Aldborough, Township of	Repair, etc. of "Danby" Drain	366.00	A-6141-b
Amaranth, Township of	"Gier" Drain	1,205.00	A-6154
(b) Almonte, Town of	Water Works Extension	2,000.00	A-6167
Aldborough, Township of	Repair, etc. "Slack" Drain	543.00	A-6267
Aldborough, Township of	Repair etc. No. 1 North Outlet of Robinson Award Drain..	346.00	A-6353
Athens, Village of	Fire Protection purposes (By-law 390)	5,500.00	A-6364
(b) Burlington, Town of	Unemployment Relief Works—Sanitary Sewers	8,434.76	A-5922
Brockville, Town of	Direct Relief Program, 1936	30,000.00	A-5938
(a) (b) Brantford, City of	Unemployment Relief Works..Pavements, etc.	119,065.00	A-6002
Brantford, City of	Direct Relief—1936	165,000.00	A-6047
(b) Belleville, City of	Unemployment Relief Works	22,900.00	A-6067
(a) Brockville, Town of	Local Improvement—King Street Pavement	35,000.00	A-6132
Belleville, City of	Local Improvement (Petition) Alexander Street Curbing....	1,782.40	A-6147
Barton, Township of	Local Improvement (Petition) Tragina Ave. Water Main ..	2,044.00	A-6148
Belle River, Village of	Water Works Extension	6,733.23	A-6182
(a) Brockville, Town of	Local Improvement—Pavements	2,131.00	A-6210
Barton, Township of	Local Improvement (Petition) Weir Street Water Main....	1,950.00	A-6225
Brooke, Township of	Drainage—Repairs—to Parker-Lucas Drain, etc	1,770.00	A-6229
Brockville, Town of	Addition to Garbage Incinerator	5,000.00	A-6234
Brockville, Town of	Purchase of Mechanical Loader	2,500.00	A-6259
Bracebridge, Town of	Widening of Manitoba Street	5,000.00	A-6288
Barton, Township of	Local Improvement (Petition) King St. E. Water Main..	7,000.00	A-6418
Bolton, Village of	Water Works System	30,000.00	A-6453
Brantford, City of	Payments maturing instalments of principal payable in 1936 (in part)	50,000.00	A-6517
Cornwall, Township of	Public School purposes—S.S. No. 4 (Mille Roche)	8,000.00	A-5897
(b) Cornwall, Town of	Unemployment Relief Works—Water Works Extensions....	52,120.00	A-5919
Crowland, Township of	Local Improvement (Petition) Trunk Sewer—Beatrice Street and Ontario Road	3,500.00	A-5948

Canboro, Township of	Fire Protection equipment	2,500.00	A-5992
Cumberland, Township of	Floating Indebtedness	50,000.00	A-6140
Cornwall, Township of	Local Improvement (Petition) Pavements—Carleton St. etc.	19,470.00	A-6181
Chesley, Town of	Public School purposes	2,000.00	A-6204
Carleton, County of	Provincial Highway purposes, 1934-1935	31,000.00	A-6220
Chatham, Township of	"Kirby-Ward" Drain repairs, etc.	613.00	A-6255-a
	"Craven" Drain repairs, etc.	290.00	A-6255-b
Camden, Township of	Improvement to "Kirby-Ward" Drain	360.00	A-6327-a
Camden, Township of	Improvement to 'Kirby-Ward" Drain Outlet	297.00	A-6327-b
Camden, Township of	Improvement to "Rowe" Drain	172.00	A-6327-c
Colchester, North Township of	Repairs to "Levack" Drain	828.00	A-6380
Crowland, Township of	Local Improvement (Petition) Sanitary Sewer, Chaffey St.	6,930.00	A-6408
Chatham, City of	Local Improvement (Petition) Sidewalks, Dover St. etc.	2,507.00	A-6419
Chatham, Township of	Repair to "Mickle" and "Hamilton" Drains	330.00	A-6437
Chesterville, Village of	Trunk Sewer	2,100.00	A-6445
Culross, Township of	Drainage purposes	1,651.00	A-6475
Cornwall, Town of	Water Works and Sidewalk Construction—1937	21,659.00	A-6514
Dawn, Township of	Drainage ('Daley" Drain)	496.00	A-5918
Denbigh, Abinger and Ashby, Townships of	Public and Continuation School (Denbigh Township)	3,600.00	A-5737-b
Dufferin, County of	Provincial Highway Construction—1934	62,000.00	A-5969
Delaware, Township of	Floating Indebtedness	5,000.00	A-5369
Dover, Township of	Repairs, etc. to "Hind" Drain	500.00	A-6080
Dunwich, Township of	"McKillop Drain No. 1"	1,689.00	A-6150
Dereham, Township of	Repairs etc. "Catfish" Drain	5,490.00	A-6248
Delhi, Village of	Municipal Building	28,000.00	A-6266
Dunwich, Township of	Repairs etc. "Bennett" Drain	665.00	A-6302
Dunwich, Township of	Tile Drainage Loan	200.00	A-6494
East Whitby, Township of	Local Improvement—Water Main, Louisa St.	500.00	A-5796-a
Englehart, Town of	Water Works purposes	12,000.00	A-6185
East Luther, Township of	Drainage purposes	2,210.00	A-6193
East Whitby, Township of	Water Main, Montrove Ave.	950.00	A-6212
East Luther, Township of	Drainage work	676.00	A-6338
Exeter, Village of	Community Hall	10,000.00	A-6352
Elma, Township of	Drainage purposes—"Keith" Drain	630.00	A-6366
Etobicoke, Township of	Housing Scheme	11,600.00	A-6381
Ekfrid, Township of	Repairs to "Sutton" Drain	332.00	A-6399
Ekfrid, Township of	Repairs to "Mills Tap" Drain	500.00	A-6443
Exeter, Village of	Completion Water Works Extensions	6,000.00	A-6021-c
Elma, Township of	"Beauchamp Creek Drain"	1,439.00	A-6483-a
	"Nicholson (Main) Drain"	379.00)	A-6483-b
	"Rock Branch Drain"	79.00)	
	"Main North West Drain"	693.00	A-6483-c

APPLICATIONS TO THE BOARD UNDER SECTION 89 OF "THE ONTARIO MUNICIPAL BOARD ACT, 1932" AS ENACTED BY SECTION 4, CHAPTER 51, ONTARIO STATUTES, 1935—(APPROVAL OF UNDERTAKING OF CAPITAL EXPENDITURES)

(a) Also approved under Section 8 of "The Local Improvement Act" as re-enacted by Section 2 of "The Local Improvement Amendment Act, 1932".

(b) Also approved under Section 7 of "The Unemployment Relief Act, 1935".

Municipality	Purpose	Amount	Procedure File
Frontenac, County of	Provincial Highway Expenditure		
	1934	76,663.00)	A-5864
	1935	10,514.00)	
Forest Hill, Village of	Local Improvements (Petition)		
	Water Main Wembley Ave.	3,176.00	A-5879-a
	Sewer Wembley Ave	5,050.00	A-5879-b
Forest Hill, Village of	Public School purposes	112,000.00	A-5944
Frontenac, County of	Floating Indebtedness	40,000.00	A-5988
(a) Fort William, City of	Local Improvements—Sewers etc. Arthur Street, etc.	95,721.00	A-6050
Fauquier, Township of	Floating Indebtedness	1,300.00	A-6054
Faraday, Township of	Floating Indebtedness		
Forest Hill, Village of	Local Improvement—Additional cost widening Spadina	3,500.00	A-6058
	Road	1,480.00	A-6099
Forest Hill, Village of	Local Improvement—Additional cost Water Main construction Spadina Parkway	315.00	A-6100
Forest Hill, Village of	Local Improvements (Petition)		
	Pavement—Wembley Road	15,330.00	A-6152-a
	Pavement—Whitmore Ave.	9,000.00	A-6152-b
Forest Hill, Village of	Local Improvements—Water Main Caldow Road etc.	10,447.00	A-6187-a
Forest Hill, Village of	Hydro-Electric System Extensions	11,695.00	A-6187-b
Forest Hill, Village of	Pavement—Whitmore Ave.	12,670.00	A-6191-a
	Storm and Sanitary Sewer—Whitmore Ave.	4,800.00	A-6191-b
Fort William, City of	Local Improvements (Petition) Sidewalk on Brown Street	758.00	A-6050
Fort William, City of	Floating Indebtedness	400,000.00	A-6254
Forest Hill, Village of	Local Improvements (Petition) Connaught Ave. Sewer	5,460.00	A-6256-a
	Water Main on new street east of Bathurst Street	2,765.00	A-6256-b
Fort William, City of	Local Improvement (Petition)—Walks on Lane Road, etc.	2,873.00	A-6281
Fort William, City of	Local Improvement (Petition) McIntosh Street Sidewalk	403.00	A-6304
Forest Hill, Village of	Local Improvements (Petition)		
	Ridgewood Drive Sewer	17,200.00	A-6334-a
	Ridgewood Drive Pavement	13,700.00	A-6334-b
	Glenarden Road Pavement	5,200.00	A-6334-c
Fort William, City of	Local Improvement (Petition) Selkirk Street, etc.	776.00	A-6335
Fort William, City of	Floating Indebtedness	200,000.00	A-6254-1

	Forest Hill, Village of	Local Improvement (Petition) Roseberry Ave. Pavement	10,900.00	A-6358
	Fort William, City of	Local Improvement (Petition) John and Rankin Streets	1,538.00	A-6359
(a)	Fort William, City of	Local Improvements—Franklin Street etc.	3,991.00	A-6367
	Forest Hill, Village of	Local Improvement—Watermain Whitmore Avenue	1,342.00	A-6191-c
		Local Improvement—(Petition) Straightening Whitmore Ave.	1,200.00	A-6191-d
	Forest Hill, Village of	Local Improvement (Petition) Pavement Wembley Road	8,100.00	A-6391
(b)	Fort William, City of	Unemployment Relief Works	12,771.00	A-6409
(a)	Forest Hill, Village of	Local Improvement—Pavement Chaplin Crescent	6,300.00	A-6413
	Forest, Town of	Purchase of Scales—By-law 798		A-6430
	Forest, Town of	Repairs to Prince St. Drain	1,125.00	A-6431-a
		Repairs to George, James and Watt Street Drains	781.00	A-6431-b
	Forest Hill, Village of	Water Main south side Eglinton Ave.—Local Improvement (Petition)	2,023.00	A-6451
	Forest Hill, Village of	Water Main Fairleigh Crescent Local Improvement (Petition)	2,404.00	A-6474
	Forest Hill, Village of	Park—Wembley and Glenarden Roads—Local Imp. (Pet.)	870.00	A-6484
	Fort William, City of	Local Improvements—Sewers Rowand St. etc. (Petition)	8,095.00	A-6502
	Guelph, City of	Water Works purposes (Wells)	20,000.00	A-5865
	Guelph, City of	Direct Relief Programme 1936	125,000.00	A-5941
	Grantham, Township of	Local Improvement (Petition) Installation of Geneva Street Water Works System	5,000.00	A-5997
	Grantham, Township of	Water Main (S.S. No. 7)	3,450.00	A-6103
(a)	Guelph, City of	Local Improvement—Curb and Gutter Pearl Street	832.00	A-6368
	Grimsby, Town of	Water Works Repairs—Intake Pipe	8,660.00	A-6385
	Hamilton, City of	Direct Relief Programme—1936	432,000.00	A-5945
	Howland ,Township of	Repair of School House, S.S. No. 5	1,500.00	A-5593-a
	Hamilton, City of	Local Improvements—Whiting Avenue Sewer, etc.	2,764.00	A-5989
	Hamilton, City of	Installation of Water Meters	20,500.00	A-6095
	Hamilton, City of	Installation Improvement (Petition) Dunsmore Road	5,880.00	A-6202
	Hamilton, City of	Water Works Extension (emergency) for residents of Mountain District	8,000.00	A-6213
	Howard, Township of	"Cranberry Marsh Drain"	1,366.00	A-6215
	Harwich, Township of	"Wetherford" and "Lucas" Drains	1,285.00	A-6252
	Hamilton, City of	Local Improvement (Petition) Cumberland Ave.	1,022.00	A-6271
	Howick, Township of	Public School purposes	900.00	A-6290
	Hamilton, Township of	Public School Purposes, S.S. No. 7	3,700.00	A-6340
	Hamilton, City of	Local Improvement—Central Ave. etc.	2,218.00	A-6371
	Howard, Township of	Construction "McBrayne" Drain	801.00	A-6380
	Harwich, Township of	Repairs, etc to "Eastman" Drain	306.00	A-6393
	Harwich, Township of	Repairs, etc. to "Appleford" Drain	350.00	A-6470
	Halton, County of	County Roads	5,000.00	A-6491
	Hamilton, City of	East Avenue Sewer	3,500.00	A-6511
	Iroquois, Village of	Public School Heating System	2,500.00	A-6384
	Jarvis, Village of	Continuation School Addition (Village of Jarvis and Sec. 10 Township of Walpole)	23,000.00	A-6010

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(a) Also approved under Section 8 of "The Local Improvement Act" as re-enacted by Section 2 of "The Local Improvement Amendment Act, 1932".

(b) Also approved under Section 7 of "The Unemployment Relief Act, 1935".

Municipality	Purpose	Amount	Procedure File
(a) Kitchener, City of	Local Improvements—Sewer and Water Main Victoria St...	1,390.00	A-5869
Kitchener, City of	Local Improvements (Petition) Sewer and Water Main on Dunham St.	5,678.00	A-5870
Kitchener, City of	Local Improvement (Petition) Water Main Pleasant Ave...	846.00	A-5871
Kitchener, City of	Local Improvement—Belmont Lane, etc. (Petition)	109,424.00	A-5914
Kitchener, City of	Direct Relief—1935	90,000.00	A-5935
Kitchener, City of	Direct Relief Programme—1936	60,000.00	A-5936
Kingston, City of	Direct Relief—1935	57,500.00	A-5942
Kitchener, City of	Local Improvements (Petition) Claremont Ave. etc.	23,175.00	A-6001
King, Township of	S.S. No. 26 (School, etc)	2,600.00	A-6009
Kitchener, City of	Local Improvement (Petition) Sewer Heiman Street	270.00	A-6079
Kingston, City of	Storm Relief Sewers	27,341.00	A-6108
Kapuskasing, Town of	High School purposes	42,000.00	A-6131
Kingston, City of	Local Improvement (Petition) Widening University Ave...	3,075.00	A-6162
(a) Kingston, City of	Local Improvement—Sidewalk on Scott Street	280.00	A-6163
(a) Kingston, City of	Local Improvements—Brock Street. etc.	2,308.00	A-6164
Kitchener, City of	Local Improvement (Petition) Hoffman Street Water Main	2,102.00	A-6198
Kitchener, City of	Local Improvement (Petition) Lydia Street Pavement, etc...	3,094.00	A-6199
Kitchener, City of	Unemployment Relief Works Nyberg Street Bridge	3,000.00	A-6203-a
	Bowling Green	2,000.00	A-6203-b
Kemptville, Village of	High School purposes	21,500.00	A-6219-a
	Public School purposes	17,000.00	A-6219-b
(a) Kitchener, City of	Local Improvements—St. Ledger and Lydia Street Water Mains	1,846.00	A-6308
Kitchener, City of	Local Improvement—Gravelling Alexandria Street. (Petition)	540.00	A-6309
Kitchener, City of	Local Improvement (Petition) Water Mains—Binscarth Ave. etc.	2,205.00	A-6310
King, Township of	Remodelling and equipping School Building in S.S. No. 19..	3,500.00	A-6315
Kitchener, City of	Public School purposes	72,000.00	A-6354
Kitchener, City of	Sewer on Bricker Avenue—Local Improvement (Petition)..	3,611.00	A-6403
London, City of	Provincial Highway Construction 1934	50,881.00	A-5876
Lanark, County of	County Highway No. 1—Beaver Dam Bridge	5,000.00	A-5913
London, City of	Local Improvements—Santiary Sewers, Sanders and Flora Sts.	5,098.00	A-5920
London, City of	Local Improvements—Sanitary Sewer, McKinnon Street ..	528.00	A-5939

London, City of	Under authority of "City of London Act, 1906"	175,000.00	A-5991
(b) London, City of	Unemployment Relief Works	486,581.00	A-6006
London, City of	York Street Bridge	72,300.00	A-6059
Lion's Head, Village of	Local Improvement (Petition) Pavement Main Street	1,697.00	A-6066
London, City of	Local Improvement (Petition) N. Central Ave. & N. Hope St.	435.00	A-6085
Lochiel, Township of	Repair, etc. "Fowler-Davis" Drain	900.00	A-6138
London, City of	Local Improvement (Petition) N York Street Ornamental Lighting	1,801.00	A-6168
London, City of	Local Improvements (Petition) Ornamental Lighting on Dundas Street; Cement Walks N. Regent Street etc.; Curb and Gutter Ashdale Ave. N.	23,731.00	A-6190
Lanark, County of	County Highway Construction	15,000.00	A-6195
London, City of	Local Improvement (Petition) Curb and Gutter, S. Central Ave. etc.	363.00	A-6245
London, City of	Curb and Gutter, E. Marley Place, etc.	4,439.00	A-6228
London, City of	Local Improvement—Cement Walk E. Belgrave Ave.	924.00	A-6268
Leaside, Town of	Local Improvements—By-laws 442-443-444-445	146,000.00	A-6291
London, City of	Local Improvement—Ferguson Ave. Tile Sewer	647.00	A-6301
London, City of	Local Improvement (Petition) Sidewalk N. Osborne St.	418.00	A-6328
Lennox & Addington, County of	Highway purposes	25,000.00	A-6351
Long Branch, Village of	Housing Scheme	8,200.00	A-6361
Logan, Township of	Improvements, etc. "Kistner" Drain	1,742.00	A-6400-a
	Improvements, etc. "North West Main" Drain	820.00	A-6400-b
	Improvements, etc. "Logan Road" Drain	3,788.00	A-6400-c
	Improvements etc. "Nicholson" Drain"	1,366.00	A-6400-d
	Improvements etc. Branch 3 of "Ahrens" Drain	240.00	A-6400-e
Mersea, Township of	Local Improvement (Petition) Water Main Lake Shore Road (By-law 757)	3,878.00	A-6004
Malahide, Township of	Repairs, etc. to "Lee" Drain	820.00	A-6019
(a) Maidstone, Township of	Local Improvement—Water Main Caille Ave	7,427.00	A-6121
Mattawa, Town of	High School purposes	24,000.00	A-6136
Malahide, Township of	Repairs etc. "Catfish Drain"	10,991.00	A-6137
Moore, Township of	"Osborne" Drain (By-law 6-1936)	170.00	A-6158-a
	"Wardrop" Drain (By-law 7-1936)	371.00	A-6158-b
	"Conboy" Drain (By-law 8-1936)	661.00	A-6158-c
Minto, Township of	"Coon Creek" Drain (By-law 773)	6,284.00	A-6197
Maidstone, Township of	"Croff' Drain (By-law 1446)	816.00	A-6236
Maidstone, Township of	Tile Drainage (By-laws 1447-8-9)	1,400.00	A-6237
Mountain, Township of	Completion "Ennis" Drain	864.00	A-6265
Metcalfe, Township of	Repairs. etc. "Kettlewell-Laughton" Drain (By-law 110)	353.00	A-6293
Mulmur, Township of	Public School purposes, S.S. No. 8	2,500.00	A-6469
Mersea, Township of	Water Main, Con. "B" Road	5,346.00	A-6501
McKim, Township of	Public School, Sec. No. 5 (Trout Lake Area, etc.)	12,000.00	A-6101
McKim, Township of	Public School, Sec. No. 6 (Minnow Creek Area)	7,500.00	A-6101-a

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Municipality	Purpose	Amount	Procedure File
McKillop, Township of	"Kistner" Drain—By-law 8-1936	1,606.00	A-6349
McKillop, Township of	"McKillop Swamp" Drains—By-law 9-1936	2,118.00	A-6350
Nipigon, Township of	Local Improvement—Sidewalks	2,464.00	A-6078
North Gwillimbury, Township of	Resurfacing of part of Lakeshore Road	15,600.00	A-6206
New Liskeard, Town of	Local Improvement (Petition) Mary Street Pavement	6,000.00	A-6207
Nipigon, Township of	Local Improvement (Petition) Front Street Sidewalk	1,500.00	A-6264-a
Nipigon, Township of	Local Improvement (Petition) Fourth Street Sewer	3,000.00	A-6264-b
Nipissing, Township of	Public School purposes, S.S. No. 1	2,100.00	A-6426
North York, Township of	Local Improvements—Buckingham Ave., etc.	6,441.00	A-6449
Ottawa, City of	Local Improvement (Petition) Sewer on Water St., N. side	1,570.00	A-5916
Owen Sound, City of	Water Works Extensions and Improvements	10,000.00	A-5932
Owen Sound, City of	Gas Works Extensions and Improvements	10,000.00	A-5933
Ottawa, City of	Direct Relief Programme 1936	537,875.00	A-5937
(b) Ottawa, City of	Direct Relief for 1935	610,000.00	A-5951
Ottawa, City of	Road-making machinery	40,000.00	A-5977
Osnabruck, Township of	Dunbar-Campbell-Adams Drain	4,015.00	A-6044
Ottawa, City of	Water Mains, Services and Hydrants in "Lakeside Park" Subdivision	53,500.00	A-6048
Owen Sound, City of	Local Improvements—By-law 793	8,010.00	A-6057-1
	Local Improvements—By-law 794	4,337.00	A-6057-2
	Local Improvements—By-law 795	36,144.00	A-6057-3
Ottawa, City of	Local Improvement (Petition) Kenilworth Ave. Sewer	1,123.00	A-6081
Ottawa, City of	Local Improvement (Petition) Sidewalks, Hamilton Ave. etc.	5,591.00	A-6089
Owen Sound, City of	Local Improvements (Petition) Fourth Ave. E. and Second Ave. E.	1,176.00	A-6105
(a) Owen Sound, City of	Local Improvements—First Ave. Pavement, etc.	6,165.00	A-6118
(a) Ottawa, City of	Local Improvement—Ruskin Ave.	7,800.00	A-6129
Ottawa, City of	Local Improvement (Petition) Inglewood Place—Sewers	1,813.00	A-6155
Ottawa, City of	Local Improvement (Petition) Kenilworth Ave. Sidewalks	10,200.00	A-6156
Ottawa, City of	Local Improvement (Petition)		
	Opeongo Road, etc.	27,495.00	A-6102-a
	Opeongo Road, etc.	19,140.00	A-6102-b
	Kippewa Drive	5,030.00	A-6102-c
Owen Sound, City of	Local Improvement (Petition) Market Square	200.00	A-6186
Ottawa, City of	Local Improvement (Petition) Spencer Street	115.00	A-6216

	Ottawa, City of	Purposes of Royal Sanatorium	25,000.00	A-6224
	Ottawa, City of	Local Improvement—Resurfacing Queen Street	9,028.00	A-6272
(a)	Ottawa, City of	Local Improvement—Pavement John Street, etc.	6,665.00	A-6273
(a)	Ottawa, City of	Local Improvement—Sidewalk, Metcalfe Street etc.	7,604.00	A-6274
(a)	Ottawa, City of	Local Improvement—Sidewalk, John Street, etc.	8,534.00	A-6275
	Ottawa, City of	Local Improvements—Cumberland and Besserer Sts.	19,793.00	A-6285
(a)	Ottawa, City of	Local Improvement—Hamilton Avenue etc.	70,997.00	A-6297
	Orford, Township of	Drainage Repairs—"Cranberry Marsh"	281.00	A-6300
(a)	Ottawa, City of	Paving Track Section on Holland Avenue	43,576.00	A-6319
	Ottawa, City of	Trunk Sewers	350,000.00	A-6322
	Ottawa, City of	Local Improvement (Petition) Kenilworth Ave. S.W.	1,560.00	A-6156-a
(a)	Ottawa, City of	Local Improvement—Sidewalks and Curb, Murray St., etc.	28,759.00	A-6360
(b)	Oshawa, City of	Unemployment Relief Works	150,300.00	A-6149-b
	Ottawa, City of	Local Improvement (Petition) Wendover Street Sidewalk	405.00	A-6425
	Owen Sound, City of	Public School purposes, Strathcona School	90,000.00	A-6432
(b)	Owen Sound, City of	Unemployment Relief Works (1933)	13,000.00	A-6433
	Ottawa, City of	Suburban Road Construction 1936	17,500.00	A-6463
	Ottawa, City of	Local Improvements (Petition) Sewers, Champagne Ave. etc.	3,924.00	A-6503
	Pelee, Township of	Tile Drains	30,000.00	A-5910
	Port Arthur, City of (Board of Park Management)	Construction of tourist cabins, bathing beach, etc.	6,000.00	A-5968
	Preston, Town of	Direct Relief — 1935	10,300.00	A-5974
	Preston, Town of	Direct Relief — 1936	6,000.00	A-5975
	Port Arthur, City of	Completion of tourist camp	5,000.00	A-5968-a
	Port Arthur, City of	Extension to "Current River" School	11,500.00	A-6003
(a) (b)	Port Arthur, City of	Unemployment Relief Works—Resurfacing part of Cumberland Street	34,348.00	A-6022
	Port Arthur, City of	Private Sewer Connections, 1936	5,000.00	A-6068
	Port Arthur, City of	Additional cost of Algoma Street Bridge	10,000.00	A-6091
(a) (b)	Port Arthur, City of	Umployment Relief Works—Memorial Avenue Pavement	30,000.00	A-6119
	Preston, Town of	Floating Indebtedness	17,000.00	A-6139
	Peterborough, County of	Provincial Highway purposes 1934-35	70,000.00	A-6153
(a)	Port Arthur, City of	Local Improvements — Pavement Cameron Street, etc.	21,000.00	A-6175
	Port Arthur, City of	Local Improvements (Petition) Sidewalks, Algoma St. etc.	9,000.00	A-6176
	Port Arthur, City of	Girls' dressing room, Current River Park	1,000.00	A-6183
	Picton, Town of	Fire truck and equipment	2,800.00	A-6247
(a) (b)	Port Arthur, City of	Local Improvements — Oliver Road Pavement (Unemployment Relief Works)	36,500.00	A-6250
(a)	Pa'merston, Town of	Local Improvement — Main Street Sidewalk	740.00	A-6294
	Portland, Township of	Floating Indebtedness	20,000.00	A-6326
(b)	Port Perry, Village of	Unemployment Relief Works—Watermain	2,500.00	A-6374
(b)	Port Arthur, City of	Unemployment Relief Works—Construction of Incinerator—	21,000.00	A-6395

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Municipality	Purpose	Amount	Procedure File
(a) Port Arthur, City of	Unemployment Relief Works—Additional cost pavement Cumberland St. N.	55,000.00	A-6396
(b) Paris, Town of	Grant to "Willett" Hospital	10,000.00	A-6444
Port Arthur, City of	Unemployment Relief Works—Over-expenditure widening Algoma Street Bridge	1,500.00	A-5474-a
Raleigh, Township of	Repairs, etc. of "Lowry" Drain	174.00	A-6045
Rockcliffe, Park, Village of	Public School purposes S. S. 29	20,000.00	A-6084
Rayside, Township of	Public School Section No. 1 (New School)	3,500.00	A-6106
Rayside, Township of	Public School Section No. 2 (New School)	3,500.00	A-6106-a
Rockcliffe Park, Village of	Local Improvements—Watermain and storm drain on Roxborough Ave.	1,478.00	A-6227-a
	Storm drain on Mariposa Ave.	1,026.00	A-6227-b
	Watermain on Ashbury Place etc.	2,062.00	A-6227-c
Raleigh, Township of	Tile Drainage	200,000.00	A-6440
St. Catharines, City of	Construction of new City Hall	150,000.00	A-5441-a
St. Marys, Town of	Floating Indebtedness	30,000.00	A-5979
Stratford, City of	Floating Indebtedness	63,319.00	A-5980
St. Catharines, City of	Direct Relief, 1936	20,000.00	A-5986
St. Thomas, City of	Public School (Scott Street)	7,250.00	A-6007
Saltfleet, Township of	Water Works Extension (Normanhurst)	5,698.00	A-6040
Sioux Lookout, Town of	Municipal Building	20,000.00	A-6042
(a) (b) Sarnia, City of	Unemployment Relief Works—1936 Programme	82,210.00	A-6055 & a
(a) Sarnia, City of	Local Improvements—Unemployment Relief Works—Curbs,		
(b)	etc. Ontario Street	3,190.00	A-6056
St. Thomas, City of	Local Improvements (Petition) Sidewalk Fifth Ave.	270.00	A-6083
St. Catharines, City of	Local Improvement (Petition) Junkin Street	455.00	A-6109
Swansea, Village of	Local Improvement—Sanitary Sewers Lane easterly from Ellis Park Road, etc.	1,430.00	A-6122
Swansea, Village of	Local Improvements (Petition) Watermain Ellis Park Road, etc.	7,022.00	A-6123-a
	Sanitary and Storm Sewers, Ellis Park Road, etc.	3,250.00	A-6123-b
Stratford, City of	Floating Indebtedness	64,000.00	A-6159
(b) Sarnia, City of	Unemployment Relief Works—Widening Mitton Street, etc.	14,604.00	A-5497-a
Sarnia, Township of	Extension of Water Main on Woodrow Road, etc.	26,450.00	A-6178

Stormont, Dundas & Glengarry, United Counties of	Sanitorium for Consumptives	100,000.00	A-6249
Sarnia, Township of	Drainage purposes (By-law 70 F)	2,025.00	A-6277
South Dorchester, Township of	Drainage purposes (Catfish Drain) By-law 365	3,493.00	A-6278
Sarnia, Township of	Public School purposes, S. S. No. 6	5,500.00	A-6287
(a) Sudbury, City of	Local Improvement—Water Main Extension, Dufferin Street	820.00	A-6311
Sandwich South, Township of	Drainage Works—(By-law 779)	1,047.00	A-6320
St. Catharines, City of	Local Improvements (Petition)		
	Currie St. Sidewalk	377.00	A-6330-a
	Bartlett St. Sewer	565.00	A-6330-b
	Wychwood Road Sidewalk	473.00	A-6330-c
Stamford, Township of	Spence Street Sewer and Watermain (Petition)	500.00	A-6332-a
(b) Stamford, Township of	Unemployment Relief Works—Leonard Ave. and Leeming Street Sewer	516.00	A-6332-b
St. Thomas, City of	Local Improvement (Petition) Talbot Street Sidewalk, etc.	427.00	A-6337
Scarborough, Township of	Housing Scheme	8,200.00	A-6341
(a) Stratford, City of	Local Improvement—Sewer on Cedar Ave. etc.	2,147.00	A-6356
Shuniah, Municipality of	Local Improvement (Petition) Opening, etc. Barbara Street, McGregor Township	1,100.00	A-6369
St. Thomas, City of	Local Improvement (Petition) Flora Street Sidewalk	104.00	A-6378
(a) Saltfleet, Township of	Watermain, Highway No. 8—Local Improvement	500.00	A-6390
Sarnia, Township of	Local Improvement (Petition) Watermain, Wellington St.	1,760.00	A-6404
St. Catharines, City of	Local Improvement (Petition) Louisa Street Sidewalk	174.00	A-6435
St. Catharines, City of	Local Improvement (Petition) Ontario and McGhie Street Sidewalks	157.00	A-6455
Swansea, Village of	Local Improvement (Petition) Riverside Drive	3,674.00	A-6472
St. Thomas, City of	Local Improvement (Petition) St. Anne's Place	76.00	A-6489
Trafalgar, Township of	Public School purposes (S.S. No. 12)	15,000.00	A-5874
Toronto, City of	Local Improvement—Sewer—Lane first west of Spadina Ave.	1,530.00	A-5877-a
Toronto, City of	Local Improvement—Sewer—Lane first west of Manning Ave	4,320.00	A-5877-b
Toronto, City of	Local Improvement—Pavement of Lane first south of Barton Ave. and Lane first east of Clinton Street	6,488.00	A-5877-c
Toronto, City of	Work ordered by Dominion Board	74,107.00	A-5912
Toronto, City of	Local Improvement (Petition) Pavement Swanwick Avenue	4,370.00	A-5925
Toronto, City of	Local Improvement (Petition) Sewer Orchard View Blvd.	2,625.00	A-5929
Toronto, City of	Direct Relief—1936	2,926,700.00	A-5940
Toronto, City of	Local Improvement (Petition) Sewer Elwood Blvd.	2,625.00	A-5929-a
Thessalon, Township of	Current Indebtedness	6,000.00	A-5982
Toronto, City of	Local Improvement (Petition) Smith Street Pavement	12,399.00	A-5983
(a) Toronto, City of	Local Improvement—Weston Road Sidewalk	926.00	A-5984
Toronto, City of	Local Improvement (Petition) Opening Lane East of Laughton Ave.	3,760.00	A-5985
(a) Toronto, City of	Local Improvement — Swanwick Ave.	12,728.00	A-5987
Toronto, City of	Replacement of Dundas Street Bridges	387,000.00	A-5994

APPLICATIONS TO THE BOARD UNDER SECTION 89 OF "THE ONTARIO MUNICIPAL BOARD ACT, 1932" AS ENACTED BY SECTION 4, CHAPTER 51, ONTARIO STATUTES, 1935—(APPROVAL OF UNDERTAKING OF CAPITAL EXPENDITURES)

(a) Also approved under Section 8 of "The Local Improvement Act" as re-enacted by Section 2 of "The Local Improvement Amendment Act, 1932".

(b) Also approved under Section 7 of "The Unemployment Relief Act, 1935".

Municipality	Purpose	Amount	Procedure File
Timmins, Town of	Waterworks, etc.	206,552.00	A-5996
Trafalgar, Township of	Water Mains, Areas 7, 8, 9 and 10	11,897.00	A-6016
(a) Toronto, City of	Local Improvement — Courtleigh Blvd. Sidewalks	905.00	A-6049
Toronto, City of	Direct Relief — balance 1935	2,756,000.00	A-6061
(b) Toronto, City of	Unemployment Relief Works:		
	Sewers, etc.	46,000.00	
	St. John's Hospital	42,000.00	
	Under Special Act	116,000.00	
	Under Special Act	1,843,000.00	
	Park purposes	44,000.00	
	Ordered by Dominion Board (Carlaw Ave. & Gerrard St. Subways)	75,000.00	
	County Suburban Roads 1934-5	81,000.00	
	Watermains	17,000.00	A-6065
	Toronto Transportation Co. track allowances	35,000.00	
	Ferry Boat	82,000.00	
	Grant to St. Joseph's Hospital	18,000.00	
	Grant to Women's College Hospital	203,000.00	
	Provincial Highway Construction 1934	164,000.00	
	Grant to Toronto Western Hospital	102,000.00	
	Collegiate purposes, North Toronto	372,000.00	
	Public School purposes	148,000.00	
	Mount Pleasant Road Bridge	253,000.00	
Teck, Township of	Water Mains and Sewers	159,298.00	A-6069
Teck, Township of	Drainage Tunnel	9,000.00	A-6070
Teck, Township of	Local Improvement — Retread pavement	8,000.00	A-6071
Teck, Township of	Construction Fire Hall	32,000.00	A-6072
Teck, Township of	Local Improvement (Petition) Sidewalks	17,260.00	A-6073
Teck, Township of	School purposes	37,000.00	A-6074
Toronto, City of	Toronto Transportation Company Track allowance	88,779.00	A-6098-a
Toronto, City of	Provincial Highway construction (part 1935)	1,815.00	A-6098-b
Toronto, City of	County Suburban Roads — 1936	71,500.00	A-6098-c
Toronto, City of	Addition to Allenby School	30,000.00	A-6098-d
Toronto, City of	Addition to Wilkinson School Annex	5,000.00	A-6098-e
Timmins, Town of	Public School	75,000.00	A-6104

Toronto, City of	Payment of Mortgages 1438-56 Yonge Street	100,000.00	A-6126
Toronto, City of	Local Improvements (Petition)		
	Sidewalk Melrose Ave.	557.00	A-6127-a
	Sewer in Lane west Rosethorn Ave.	1,990.00	A-6127-b
	Pavement Lane west Rosethorn Ave.	5,305.00	A-6127-c
	Sewer in Lane south Gerrard St.	1,100.00	A-6127-d
	Local Improvement (Notice)		
	Pavement Lane South Gerrard St.	1,786.00	A-6127-e
Toronto, City of	Breakwater—Toronto Island	133,000.00	A-6157
Toronto, City of	Local Improvements (Petition) Lane 1st East of Shaw Street	2,414.00	A-6174-a
	Watermain, Garland Ave.	1,172.00	A-6174-b
Toronto, City of ..	Local Improvement (Petition) Sidewalk, Queen St. W.	446.00	A-6173
Tisdale, Township of	Fire Alarm System, South Porcupine	5,895.00)	
	Fire Alarm System, Schumacher	5,215.00)	A-6189
Tisdale, Township of	25-bed Hospital	100,000.00	A-6208
Tisdale, Township of	Water Works Extensions, etc.	31,128.00	A-6221
Toronto, City of	Local Improvements) Sidewalk, Eastern Ave. — Carlaw to Winifred	2,510.00	A-6231-a
	Sidewalk. Eastern Ave.—Caroline to Rushbrooke Ave.	1,956.00	A-6231-b
(a) Toronto, City of	Local Improvement—Pavement Lansdowne Ave. S Dundas St.	15,640.00	A-6230
Toronto, City of	Local Improvement (Petition) Water Main—Main Street ..	1,124.00	A-6232
Timmins, Town of	Water Main By-law 478	12,000.00	A-5996-a
	Water Works Extension By-law 479	15,000.00	A-5996-b
	Municipal Building By-law 469	90,000.00	A-5996-c
	Sewer Connections By-law 475	7,500.00	A-5996-d
	Cement Sidewalks By-law 476	15,000.00	A-5996-e
	Cement Pavements By-law 477	60,000.00	A-5996-f
Toronto, City of	Local Improvement — Pavement Union Ave.	38,436.00	A-6251
Toronto, City of	Water Main Elm Road	160.00	A-6258
Tisdale, Township of	Waterworks and Sewer Extensions	150,000.00	A-6221-a
Tisdale, Township of	Waterworks and Sewer Construction South Porcupine and Gold Centre Townsite (P.646)	80,000.00	A-6307
Toronto, City of	Local Improvements—Castlewood Road Pavement	6,459.00	A-6312-a
	Mona Street Pavement	3,333.00	A-6312-b
Toronto, City of	Local Improvement — Norway Ave. Pavement	21,701.00	A-6313
Toronto, City of	6 in. Revenue Water Main on Oriole Parkway	583.00	A-6318
Toronto, City of	Local Improvement (Petition) "Traffic way" asphalt pavement on Avenue Road from College View Ave. to Eglinton Ave. West	38,422.00	A-5579
Toronto, City of	Local Improvement—Extension Laughton Ave., Bowood to Roslin	10,000.00	A-6373
Toronto, City of	Local Improvement (Petition) Sidewalks, etc. Eglinton Ave. West, and Mallory Gardens	3,874.00	A-6375
Toronto, City of	Local Improvement (Petition) Pavement, Rivererest Road..	3,196.00	A-6376

APPLICATIONS TO THE BOARD UNDER SECTION 89 OF "THE ONTARIO MUNICIPAL BOARD ACT, 1932" AS ENACTED BY SECTION 4, CHAPTER 51, ONTARIO STATUTES, 1935—(APPROVAL OF UNDERTAKING OF CAPITAL EXPENDITURES)

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Municipality	Purpose	Amount	Procedure File
Timmins, Town of	Sewer Extension (By-law 482)	25,000.00	A-6388
Toronto, City of	Increased cost of Breakwater	21,254.00	A-6157
Tiverton, Village of	Retread Pavement	1,000.00	A-6446
Tuckersmith, Township of	"Mitchell Drain", By-law 7 (1935)	710.00	A-6454
Timmins, Town of	Additional Cost Kirby Ave. Sewer	7,500.00	A-5996-d
Uxbridge, Town of	Sanitary Conveniences, Public School	3,000.00	A-6177
West Gwillimbury, Township of	"Holland Marsh Syndicate" Agreement	15,914.00	A-5924
Wentworth, County of	Provincial Highway purposes 1934-5	125,331.00	A-5927
Welland, City of	Direct Relief 1936	28,817.00	A-5973
West Ferris, Township of	Public School purposes	22,312.00	A-6087
Woodstock, City of	Resurfacing Hounsfield St. etc.	2,947.00	A-5687-a
Woodbridge, Village of	Local Improvement (Petition) Water Main Ellerby Square	1,000.00	A-6151
Waterford, Village of	High School purposes	20,000.00	A-6179
Waterloo, Town of	Extension etc. Athletic Grounds Waterloo Public Park	3,500.00	A-6217-a
Waterloo, Town of	Local Improvement (Petition) Gas Main Extension	422.00	A-6217-b
Waterloo, Town of	Local Improvement (Petition) Water Works Extension	534.00	A-6217-c
Waterloo, Town of	Local Improvement (Petition) Sewer Extension	683.00	A-6217-d
Woodstock, City of	Local Improvement (Petition) Sidewalk Dundas Street, N.S.	1,034.00	A-6243
Westminster, Township of	Local Improvement (Petition) Sidewalk Ellwood Ave. etc.	1,331.00	A-6257
Woodstock, City of	Local Improvement (Petition) Sidewalk Dundas Street, S.S.	930.00	A-6303
Westminster, Township of	Improvement of "Oatman" Drain	1,326.00	A-6324
Woodstock, City of	Local Improvement (Petition) Dover Street Curb	1,300.00	A-6370
Waterloo, Town of	Local Improvement (Petition) Mary Street Sidewalk	225.00	A-6387
Woodstock, City of	Local Improvements (Petition) Vincent Street Sewer	385.00	A-6434-a
	Ingersoll Avenue Sewer	365.00	A-6434-b
Westminster, Township of	Local Improvement (Petition) Water Main Janes Street	1,953.00	A-6439
Westminster, Township of	Extension Deleware Ave. Drain	3,177.00	A-6495
West Lorne, Village of	Water Works System	55,000.00	A-6498
Yarmouth, Township of	"Free" Drain	681.00	A-6110
(b) York, Township of	Housing Scheme (Unemployment Relief)	8,135.00	A-6321
Yarmouth, Township of	Construction "Hammond" Drain	528.00	A-6402
Zone, Township of	Repair, etc. South Branch of Dankey Creek Drain	735.00	A-6316
Zone, Township of	Repair of Vogler Drain	765.00	A-6317

MISCELLANEOUS

ARBITRATIONS

		Procedure File
Lake Shore Municipalities and Toronto Transportation Commission	Performance of Agreement re accounting and fares charged in Mimico Division	A-6117
Ranger, Oscar et al. vs. Hydro-Electric Power Commission.	Compensation re land expropriated East ½ Lots 12 and 13. Con. V., Township Lancaster, County Glengarry	A-6513

ASSESSMENT APPEALS

	Amount	Procedure File
Park Plaza Corporation Ltd. vs. City of Toronto, Toronto, City of vs. Park Plaza Corporation Ltd. (Land and Buildings)	$237,325.00	A-5861
J. Kerr Fisken Estate vs. City of Toronto (Land and Buildings)	55,500.00	A-5862
Canadian National Railway Company vs. Town of Port Colborne		A-5863
Canadian Industries Ltd. v. Town of New Toronto (Land and Buildings)	186,380.00	A-5866
The Reg. N. Boxer Co. Ltd. vs. Town of New Toronto (Land and Buildings)	222,100.00	A-5867
Toronto, City of vs. MacLean Publishing Co. Ltd. (Buildings)	165,000.00	A-5872
Toronto, City of vs. Albert Bay Co. Ltd. (Land and Buildings)	311,000.00	A-5873
Selected Realty Ltd. vs. City of Toronto (Land and Buildings)	98,725.00	A-5881
Selected Realty Ltd. vs. City of Toronto (Gibson Bros., Agent) (Land and Buildings)	2,812.00	A-5881-a
Selected Realty Ltd. vs. City of Toronto (Gibson Bros., Agent) (Land and Buildings)	62,541.00	A-5882
Selected Realty Ltd. vs. City of Toronto (Gibson Bros., Agent) (Land and Buildings)	57,300.00	A-5883
Woolnough, Frank J. vs. City of Toronto (Gibson Bros., Agent) (Land and Buildings)	154,000.00	A-5884
Gundy, James H. vs. City of Toronto (Gibson Bros., Agent) (Land and Buildings)	125,100.00	A-5885
Gundy, James H. vs. City of Toronto (Gibson Bros., Agent) (Land and Buildings)	80,400.00	A-5886
Gundy, James H. vs. City of Toronto (Gibson Bros., Agent) (Land and Buildings)	156,066.00	A-5887
Carnarvon, Henry J., Est. of (Royal Bank of Scotland, Trustee) vs. City of Toronto (Gibson Bros., Agent) (Land and Buildings)	123,488.00	A-5888
Gartshore, Helen W. et al. vs. City of Toronto (Gibson Bros., Agent) (Land and Buildings)	119,267.00	A-5889
Chamberlain, William vs. City of Toronto (Gibson Bros., Agent) (Land and Buildings)	47,267.00	A-5890
Canadian Bank of Commerce vs. City of Toronto (Gibson Bros., Agent) (Land and Buildings)	137,900.00	A-5891
Yonge & Dundas Investments Ltd. vs. City of Toronto (Land and Buildings)	76,750.00	A-5892
Yonge & Dundas Investments Ltd. vs. City of Toronto (Land and Buildings)	89,250.00	A-5893
Norwich Union Life Insurance Society vs. City of Toronto (Land and Buildings)	60,725.00	A-5894
R. B. Rice & Sons (for Carrie E. George) vs. City of Toronto (Land and Buildings)	177,063.00	A-5899
R. B. Rice & Sons (for Frank Stollery) vs. City of Toronto (Land and Buildings)	254,166.00	A-5900
McBrien, Fred G. vs. City of Toronto (Land and Buildings)	32,000 00	A-5901
Della Stair vs. City of Toronto (Land and Buildings)	81,600.00	A-5902
Royal Trust Company vs. City of Toronto (Central Building) (Land and Buildings)	278,437.00	A-5903
Royal Trust Company vs. City of Toronto (Claridge Apartments) (Land and Buildings)	271,002.00	A-5904
Royal Trust Company vs. City of Toronto (Clarendon Apartments) (Land and Buildings)	225,067.00	A-5905
Macdonald, Donald and William B. vs. City of Toronto (Land and Buildings)	94,487.00	A-5906
Linzon, A. vs. City of Toronto (Land and Buildings)	60,038.00	A-5907

ASSESSMENT APPEALS — Continued

	Amount	Procedure File
Sigal, Moses vs. City of Toronto (Land and Buildings)	60,551.00	A-5908
Peters, Isabella C. and Frances E. vs. City of Toronto (Land and Buildings)	50,654.00	A-5909
Fisken, A. D. (Agent for H. C. Boultbee) vs. City of Toronto (Land and Buildings)	115,900.00	A-5915
Chatham Hotel Co. Ltd. vs. City of Chatham (William Pitt Hotel) (Land and Buildings)	305,350.00	A-5921
Ontario and Minnesota Power Co. Ltd. et al. vs. Town of Fort Frances (Land, buildings and business)	1,898,320.00	A-5934
(a) Fort Frances Pulp and Paper Company		A-5934-a
(b) International Bridge & Terminal Company		A-5934-b
(c) Seine River Improvement Company		A-5934-c
Port Arthur, City of vs. Central Buildings (Land & Buildings)	98,255.00	A-5953
Port Arthur, City of vs. Central Buildings (Land & Buildings)	19,650.00	A-5954
Port Arthur, City of vs. Canadian Department Stores (Land and Buildings)	60,730.00	A-5955
Port Arthur, City of vs. John Covello	10,580.00	A-5956
Port Arthur, City of vs. John Covello (Land)	5,950.00	A-5957
Port Arthur, City of vs. McComber, J. A. (Land and Buildings)	10,280.00	A-5958
Port Arthur, City of vs. McColl-Frontenac (Land)	13,425.00	A-5959
Port Arthur, City of vs. Matthews, I. L. (Land and Buildings)	8,420.00	A-5960
Port Arthur, City of vs. Matthews, I. L. (Land and Buildings)	13,550.00	A-5961
Port Arthur, City of vs. Emerson, J. T. (Land and Buildings)	15,680.00	A-5962
Port Arthur, City of vs. Emerson, J.T. (Land and Buildings)	10,270.00	A-5963
Port Arthur, City of vs. Emerson, J. T. (Land and Buildings)	1,880.00	A-5966
Port Arthur, City of vs. Ross, Fenton A. and Hasking, Maggie (Land and Buildings)	25,535.00	A-5965
Port Arthur, City of vs. John & Robert & Filip Joseph Co. (Land and Buildings)	12,000.00	A-5964
Bryson Graham Co. Ltd. vs. City of Ottawa (Land and Buildings)	598,725.00	A-6023
Dwyer Investments Ltd. vs. City of Ottawa (Land and Buildings)	345,300.00	A-6024
Brouse, Estate of Harry vs. City of Ottawa (Land and Buildings)	171,575.00	A-6025
Christie, William Stewart vs. City of Ottawa (Land and Buildings)	49,375.00	A-6026
Dunkelman, David vs. City of Ottawa (Land and Buildings)	206,950.00	A-6027
Famous Players Canadian Corporation Ltd. vs. City of Ottawa (Land and Buildings)	213,900.00	A-6028
Hardy, Hon. Arthur Charles vs. City of Ottawa (Land and Buildings)	124,050.00	A-6029
Hardy, Dorothy F. vs. City of Ottawa (Land and Buildings)	52,850.00	A-6030
Hastey, Robert Patterson vs. City of Ottawa (Land and Buildings)	83,025.00	A-6031
Northwood, Isabel et. al. vs. City of Ottawa (Land and Buildings)	60,350.00	A-6032
Rideau Realties, Ltd. vs. City of Ottawa (Land and Buildings)	160,775.00	A-6033
R. J. Devlin Estate (Royal Trust Company) vs. City of Ottawa (Land and Buildings)	252,650.00	A-6034
Runge, Frederick vs. City of Ottawa (Land and Buildings)..	56,475.00	A-6035
St. Charles Hotel, Ltd. vs. City of Ottawa (Land and Buildings)	51,450 00	A-6036
Sovereign Realty Ltd. vs. City of Ottawa (Land and Buildings)	449,775.00	A-6037
Victoria Realty Corporation Ltd. vs. City of Ottawa (Land and Buildings)	521,650.00	A-6038
Whyte, J. P. & Son Ltd. and Leslie P. Whyte vs. City of Ottawa (Land, Buildings and business)	149,098.00	A-6039
The Elias Rogers Co. Ltd. v. City of Toronto (Lands)	42,036.00	A-6398
Collingwood, Town of vs. Collingwood Shipyards Ltd.	432,716.00	A-6405
Mutual Life Assurance Co. vs. City of Toronto (53 High Park Blvd.)	21,250.00	A-6414
Mutual Life Assurance Co. vs. City of Toronto (180-2 St. Clair Ave. West)	21,250.00	A-6415
W. H. Bosley & Co. (Agents for Reginald and Henry Taylor) vs. City of Toronto (1375-87 Yonge Street)	50,875.00	A-6421
The Elias Rogers Co. Ltd. vs. City of Toronto (Lands) ..	14,660.00	A-6423
John, William vs. City of Toronto (Land and Buildings)	154,525.00	A-6441

ASSESSMENT APPEALS — Continued

	Amount	Procedure File
Selina H. Perry Estate vs. City of Toronto (Arthur W. Roebuck, Exec.) (Land and Buildings) ..	40,600.00	A-6447
Metropolitan Building Ltd. (by Chartered Trust & Executor Co.) vs. City of Toronto (Land and Buildings)	851,375.00	A-6448
Gerstein, Frank (by Louis M. Singer) vs. City of Toronto (Land)	206,708.00	A-6460
Diana Sweets Ltd. (by Louis M. Singer) vs. City of Toronto (Land)	242,954.00	A-6461
Molly Miller, MacLean Publishing Co. Ltd. et al. vs. City of Toronto (Land and Buildings)	683,101.00	A-6464
Cross-Appeal by City of Toronto re 481 University Avenue and Centre Avenue (business, land and buildings)	496,813.00	A-6464
Norwich Union Life Assurance Society vs. City of Toronto (Land and Buildings)	342,909.00	A-6465a-b
The Eastwood Land Co. Ltd. vs. City of Toronto (Land and Buildings)	102,400.00	A-6468
Lombard Realty Co. Ltd. (Robert Yoemans & Co., Agents) vs. City of Toronto (Land and Buildings)	227,179.00	A-6476
Confederation Securities Ltd. (Toronto General Trusts Corp. Agent) vs. City of Toronto (Land and Buildings)	104,717.00	A-6478
Childs Company vs. City of Toronto (Land and Buildings) ..	690,583.00	A-6477
Knowles, Estate of Robert E. (Toronto General Trusts Corp. et al., Executors) vs. City of Toronto (Land & Buildings)	177,400.00	A-6479
Ellis Brothers, Ltd. vs. City of Toronto (Lands and Buildings)	266,833.00	A-6480
Birks-Ellis-Ryrie Ltd. vs. City of Toronto (Land and Buildings)	520,600.00	A-6481
Nordheimer Estate of Samuel, vs. City of Toronto, (Toronto General Trusts Corp., Executors) (Land and Buildings)	230,708.00	A-6487
Two Hundred St. Clair Ave. West Ltd. vs. City of Toronto (Land and Buildings)	115,900.00	A-6499..
Four Hundred Avenue Road, Ltd. vs. City of Toronto (Land and Buildings)	177,000.00	A-6500
Isabel Orr & L. E. J. McCarron vs. City of Toronto (Land)	145,776.00	A-6507
Boake Manufacturing Co. Ltd. vs. City of Toronto (Land and Buildings)	92,000.00	A-6510

"THE BEACHES AND RIVER BEDS ACT"
(Chapter 299, R.S.O. 1927)

Municipality		Procedure File
Sherbrooke, Township of	Removal of sand and gravel from shores of Lake Erie (Petition Ivan Dickout et al.)	A-6093

BY-LAWS—FORMS OF—APPROVED BY BOARD
(Section 548 of "The Municipal Act")

Municipality	By-law No.	Purpose		Procedure File
Rockcliffe Park, Village of	187	Purchase of lands for Park purposes	$13,500.00	A-5856

DEFAULTING MUNICIPALITIES
(Part VI, Chapter 27, Ontario Statutes, 1932)

Trenton, Town of	A-6143
Windsor (New) City of	A-6145
Sturgeon Falls, Town of	A-6211

DEFAULTING MUNICIPALITIES--REFUNDING OF BONDED INDEBTEDNESS
(Sections 98 and 100, Chapter 27, O. S. 1932)

Windsor, City of	A-6222
Mimico, Town of	A-6420

DETACHMENT OF FARM LANDS FROM TOWN OR VILLAGE

(Section 21 of "The Municipal Act", Chapter 233, R.S.O. 1927)

Municipality		Procedure File
Markdale, Village of	Application Mrs. Henrietta Armstrong for detachment of Lot 102 and part Lot 101, Con. 11, and annexation of same to Glenelg Township	A-5880
Port Carling, Village of	Application by Municipal Council for detachment of lands (Lots 26, 27, 28, Con. 11; Lots 26, 27 and part 28, Con. 111; Lots 26 and 27, Con. IV) and annexation of same to Medora Township. Plan 645.	A-6284
Port Carling, Village of	Petition W. K. Foreman et al. detachment of certain lands and annexation of same to Townships of Medora and Wood.	A-6363

DEVIATION OF BOUNDARY ROADS

(Section 480 of "The Municipal Act", Chapter 233, R.S.O. 1927)

Emily, Township of vs. Ennismore, Township of	Portion of Boundary Road between Townships, being on the Fifth Concession Line of Township of Emily, thence north between Lots 21 and 22 to the Sixth Concession Line, thence east to the boundary at the east side of Lot 23.	A-6086

EXTENSION OF DEBENTURE ISSUE PERIOD

(Section 296 (11) and (12) of "The Municipal Act")

Municipality	By-law	Purpose	Amount	Procedure File
Exeter, Village of	7 (1934)	Waterworks Extensions ..	28,000.00	A-6021
Sarnia, City of		Curb Ontario Street, Local Improvement	3,190.00	A-6056-a
Swansea, Village of		Local Improvement		A-6194-a
Oshawa, City of	2106 amended	Relief Undertakings	170,700.00	A-6149-c

FLOATING INDEBTEDNESS

(Authority to Municipalities to Issue Debentures to Pay—Under Section 78 (d) of Part V. of Chapter 27, Ontario Statutes 1932)

Municipality	Amount	Procedure File
St. Marys, Town of	30,000.00	A-5979
Stratford, City of	63,319.56	A-5980
Thessalon, Township of	6,000.00	A-5982
Frontenac, County of	40,000.00	A-5988
Fauquier, Township of	1,300.00	A-6054
Faraday, Township of	3,500.00	A-6058
Delaware, Township of	5,000.00	A-5369
Preston, Town of	17,000.00	A-6139
Cumberland, Township of	50,000.00	A-6140
Stratford, City of	64,000.00	A-6159
Fort William, City of	400,000.00	A-6254
Portland, Township of	20,000.00	A-6326
Fort William, City of	200,000.00	A-6254-1

"THE (MUNICIPAL) FRANCHISES ACT"

(Section 4, Chapter 240, R. S. O. 1927)
(Also Sec. 8 (3) as enacted by sec. 2, Chap. 39, O. S. 1933) and Sec. 6 (c).

		Procedure File
Cochrane, Town of	Approval of By-law 555 authorizing Agreement for supply of electrical power or energy from Abitibi Electrical Development Company for period of one year	A-5947
Westminster, Township of	Approval—by Certificate of Public Convenience and Necessity—of supply of gas to Police Village of Byron, by Union Gas Company Limited. (By-law 1065).	A-6188
St. Thomas, City of	Supply of Gas by Dominion Natural Gas Company Limited	A-6262-a
Hepworth, Village of	Supply of Gas by Nottawa Pipe Line Company Limited	A-6263
Caradoc, Township of	Supply of Gas to Police Village of Mount Brydges by Union Gas Company Limited —Certificate of Public Convenience and Necessity	A-6343
Oxford, County of	Supply of Gas to certain residents, Township Dereham, by Aloka Oil Company Limited	A-6505

HIGHWAYS (NARROW)

(Section 490 (2) of "The Municipal Act")

Municipality	By-law No.	Purpose	Procedure File
Windsor, City of	51	Extension McEwan Ave. (60')	A-6184
Kitchener, City of	2531	Extension Bricker Avenue to City Limit (50')	A-6362
Waterloo,Town of	1156	Establishment of Dearborn Street (60')	A-6386

HIGHWAYS, DEPARTMENT OF (ONTARIO) CLAIMS AGAINST

Claimant	Property	Procedure File
Summit Golf Club	Part Lot 58, Con. 1, Tp. Markham, County York	A-5930
Harnden, Mary E. and Agnes J.	Part Lot 22, Con. 11, Township Darlington, Durham County	A-6282
Robinson, M. M. et al.	Part Lot 40, Reg. Plan 99, Township Nelson, Countly Halton — 1,458 acres	A-6428
Smale, Annie A. et al.	Part Lot 13, Reg. Plan 99, Township Nelson, County Halton — 3.130 acres	A-6429

INCREASED BORROWINGS BY MUNICIPALITIES

(Section 334 of "The Municipal Act" as re-enacted by Section 10, Chapter 37, Ontario Statutes, 1933)

Municipality	Amount	Procedure File
Lennox & Addington, County of	100%	A-6233
Halton, County of	100,000.00	A-6244
Wellington, County of	30,000.00	A-6286
Kenora, Town of	90%	A-6305
Belleville, City of	100%	A-6325
Lincoln, County of	104,545.00	A-6348
Dresden, Town of	10,000.00	A-6397
Lanark, County of	65,000.00	A-6452
St. Marys, Town of	15,000.00	A-6471
Port Arthur, City of	90%	A-6473
Guelph, City of	150,000.00	A-6506
Dundas, Town of	25,000.00	A-6512
North Bay, City of	10,000.00	A-6518
Scarborough, Township of	100,000.00	A-6519

CHANGE IN RATE OF INTEREST ON DEBENTURES

(Approval of under Section 300 of "The Municipal Act")

INTEREST DECREASE

Municipality	Debenture By-law No.	Purpose	Amending By-law	Rate	Amount	Procedure File
Thornbury, Town of	1 (1936)	Hydro-Electric Extensions	5(1936)	5% to 4%	4,000.	A-5786-1
Thornbury, Town of	2 (1936)	Provincial Highway Imp.	4(1936)	5% to 4%	3,000.	A-5786-a
Swansea, Village of 536 to 542 inc. & 487		Local Improvements			333,839.	A-6124
Oshawa, City of	2106	Relief purposes		6% to 4%	170,700.	A-6149
Exeter, Village of	7 (1934)	Water Works Purposes	2(1936)	5% to 4%	28,000.	A-6021-b
Tisdale, Township of	439	Water Works and Sewers	447	5½% to 5%	150,000.	A-6221-b

LANES—ASSESSMENT OF PROPERTIES FOR OPENING AND PAVING OF—

Approval of Municipal By-laws for, under s.s. (3) of section 27a of "The Local Improvement Act" as enacted by section 2, Chapter 26, O.S. 1933.

Municipality	By-law No.	Location	Procedure File
Toronto, City of	14511	Opening of lane east of Laughton Avenue between Rutland and Exeter Streets (on petition)	A-5985-a
Toronto, City of	14573	Paving Lane first west of Rosethorn Ave.	A-6209-a
Toronto, City of	14576	Paving Lane first east of Shaw Street	A-6209-b
Toronto, City of	14592	Paving Lane first south of Gerrard Street, East	A-6127-1-e

LEGISLATION (SPECIAL)

Municipality		Procedure File
London, City of	Approval passing of proposed By-law — $72.300.00 — York Street Bridge	A-6059
East York, Township of	Appointment of Referee under By-law 2681—setting apart whole municipality as Public School Area (Township of East York Act 1935, sec. 5)	A-6120
East York, Township of	Approval of By-law 2704, amending By-law 2474—Increased remuneration to Reeve and members of Council. (Township of East York Act 1933, (Chapter 76) section 2)	A-6180
York, Township of	Fixing of rates to be charged by City of Toronto for water supply--(Agreement July 18th, 1916)	A-6194
York, Township of	Housing Scheme (Unemployment Relief) $8,135.00	A-6321
Ottawa, City of	Construction of Trunk Sewers—$350,000.00	A-6322
Kenora, Town of	and Keewatin Power Company Ltd.—determination of amount of certain monies payable under Agreement of February 27th, 1933	A-6339
East York, Township of	Amalgamation of Sewer Areas—By-law 2709—Appointment of Referee to adjust, etc. assets of several areas.	A-6342

LICENSE FEE

(Section 411 (9) of "The Municipal Act", Chapter 233, R. S. O. 1927)

Municipality	Purpose	Procedure File
Sudbury, City of	Annual fee of 50 cents for Bicycle By-law 1719	A-5946
Collingwood, Town of	Annual fee of 50 cents for Bicycle and 25 cents for transfer of license—By-law 1197	A-5970
Cornwall, Town of	Annual fee of 50 cents for Bicycle—By-law 20 (1936)	A-6171
York, Township of	Annual fee of 25 cents for Bicycle By-law 11474	A-6172
Windsor, City of	Annual fee of 50 cents for Bicycle—By-law 29	A-6365
Niagara Falls, City of	Annual fee of 50 cents for Bicycle—By-law 2450	A-6389

LOCAL IMPROVEMENTS

Approval of Undertaking of, under section 8 of "The Local Improvement Act" as re-enacted by section 2 of "The Local Improvement Amendment Act, 1932".

Municipality	Date of Notice of Intention	Works	Procedure File
Peterborough, City of	July 29, 1936	Sewers—Monaghan Road and Armour Road	A-6276
Peterborough, City of	Nov. 4, 1936	Sewer, Donegal St.	A-6485

LOCAL IMPROVEMENTS — PART ONLY OF WORK

(Section 18 of 'The Local Improvement Act", Chap. 235, R. S. O. 1927)

Municipality	Amending By-law No.	Original By-law No.	Procedure File
Owen Sound, City of	804	736	A-6057-b
Swansea. Village of	617	590	A-6347

LOCAL IMPROVEMENTS — APPORTIONMENT OF COST OF

(Sec. 26 (3) of "The Local Improvement Act", Chap. 235, R. S. O. 1927)

Municipality	Purpose	Procedure File
Nipigon, Township of	Front Street Sidewalk	A-6264-d

"THE ONTARIO MUNICIPAL BOARD ACT, 1932"

(Chapter 27)

		Procedure File
Thorold, Township of	Approval (under sec. 78 (c)) of proposed By-law authorizing execution of certain Agreement with Hydro-Electric Power Commission.	A-5931
Lake Shore Municipalities and City of Toronto	Transportation Commission—Performance of Agreement re "Mimico Division".	A-6117

PARKS — SETTING ASIDE PART OF FOR ATHLETIC PURPOSES

(Section 12 of "The Public Parks Act", Chapter 248, R. S. O. 1927)

Municipality	Property Affected	Procedure File
Dundas, Town of	Town Park — for Athletic purposes	A-5949
Port Arthur, City of	Current River Park — Amusement	A-5968

POWER COMMISSION AND PUBLIC UTILITIES

(Chapter 57, R. S. O. 1927, as enacted by Chapter 13, Sec. 3, Ontario Statutes, 1931)

	Procedure File
The Bell Telephone Company of Canada Limited — Approval of Agreement for purchase of certain poles in Police Village of Smithville (Sec. 32 as re-enacted by sec. 2 (5) Chap. 57, O. S. 1931)	A-5868
Dominion Natural Gas Company Limited — Approval Agreement for sale to—by City of St. Thomas — of portion of Gas Distribution Plant	A-6262

REPEAL OF MONEY BY-LAWS AS TO RESIDUE NOT RAISED (SECTION 301 (2) of "THE MUNICIPAL ACT")

Municipality	Original By-law	Purpose	Debentures Authorized	New By-law	Residue Not Required	Procedure File
Etobicoke, Township of	5060	School purposes S.S. No. 3	$40,000.	5080	$8,000.	A-6269

RESTRICTED AREAS

(Section 398 of "The Municipal Act")

Municipality	By-law No.	Area Restricted	Procedure File
North York, Township of	2202	Part Lots 5, 6 and 7, Con. 11 East of Yonge Street	A-5990
St. Clair Beach, Village of ..	133	St. Clair Road (sometimes called Riverside Drive)	A-6011
Ottawa, City of	8214	Elmdale Ward	A-6088
Forest Hill, Village of	1005	Briar Hill and Ridelle Ave. from Bathurst St. to Chippewa Ave...	A-6114
Forest Hill, Village of	1006	Whitmore Ave. from Roseberry Ave. to Glenarden Road	A-6115
North Monaghan, Township of	1065	South of Lansdowne Street, etc.	A-6134
North Monaghan, Township of	1066	Within 500 ft. of Provincial Highway No. 28, etc.	A-6135
Toronto, City of	14553	Spacing of buildings — Bracken Ave. Bingham Ave. to Scarboro' Road ..	A-6142
Leaside, Town of	440	Donegal Road, etc.	A-6144
Kingston, Township of	335	Dovercourt & Dovercourt Subdivision Plans 137 and 162	A-6226
Ottawa, City of	8278	Part "Capital" Ward	A-6296
Forest Hill, Village of	1032	Fairleigh Crescent, Connaught Ave. and Whitmore Ave.	A-6336
Gloucester, Township of ..11	(1936)	"Rideau Park" Subdivision	A-6372
Forest Hill, Village of	929	Lots omitted from By-law No. 285..	A-6392
Forest Hill, Village of	1043	Lot 5, Plan 326	A-6401
Leaside, Town of	449	Millwood Road, etc.	A-6412
North York, Township of	2212	Part Plan 1967	A-6435

REPEAL OR AMENDMENT OF RESTRICTED AREAS

(Section 398 (2b) of "The Municipal Act")

Municipality	Amending By-law No.	Original By-law No.	Areas Affected	Procedure File
Toronto, City of 14441		9209	No. 127 Inglewood Drive and lands north and east thereof	A-5878
Toronto, City of 14373		12447 amended by 12721	Land west side Highland Crescent	A-5917
Toronto, City of 14488		11474	26 and 28 Rowanwood Ave.	A-5943
Toronto, City of 14499		14317	367 Spadina Road	A-5952
Forest Hill, Village of .. 932		358	Whitmore Avenue	A-5999
Kitchener, City of 2511		1823, 1834 and 1835	Belmont Boulevard ("Business District C")	A-6000
Toronto, City of 14420		12958	North-west corner Hillhurst Blvd. and Avenue Road	A-6020
Toronto, City of 14485		8815	62 Roxborough St. W.	A-6051
East York, Township of 2697		1243	Part Lots 334 and 337 and Lots 335 and 336—Plan M. 484	A-6082
Toronto, City of 14548		12958	North side St. Clements Ave. (Allenby School)	A-6111
East York, Township of 2702		1243	North side Don Mills Road—100' east of Donlands Ave.	A-6082-a
Burlington, Town of .. 842		676	Enlargement of area described in paragraph 3 (b)—63' frontage on Water Street.	A-6125
Toronto, City of 14562		9533	No. 17 St. Andrews Gardens	A-6130
Forest Hill, Village of.. 1012		285	Lot 6, Rosemary Avenue	A-6192
Toronto, City of 14579		12604	Block F, Plan 489-E, East side Oriole Parkway	A-6196
Toronto, City of 14556		12958	Lot 146 and part Lot 147 North side Lytton Blvd.	A-6200
Forest Hill, Village of . 1018		730	Caldow Avenue	A-6201
Toronto, City of 14587		12958	No. 500 St. Clements Ave.	A-6205
Toronto, City of 14491		9533	No. 1 Beaumont Road	A-6253
Toronto, City of 14407		11955	Lands immediately North of No. 8 Kendall Ave.	A-6260

REPEAL OR AMENDMENT OF RESTRICTED AREAS — Continued

Municipality	Amending By-law No.	Original By-law No.	Areas Affected	Procedure File
Toronto, City of	14584	8815	85 Roxborough St. West	A-6299
Kitchener, City of	2532	1823 and 1834-5	Addition of area to Business District	A-6355
Forest Hill, Village of	929	285	Lonsdale Road, etc. (Lots omitted from By-law 285)	A-6392
Toronto, City of	14605	9712	Maynard Ave. — west side	A-6394
Forest Hill, Village of	1043	540	Lot 5, Plan 326	A-6401
Toronto, City of	14626	9411	No. 85 Hilton Ave.	A-6406
Forest Hill, Village of	1046	285	Lots 161 and 162, Plan 824	A-6410
Forest Hill, Village of	1047	285	Bathurst Street south of Eglinton Ave.	A-6411
Toronto, City of	14619	9651	186 Cottingham St.	A-6422
Forest Hill, Village of	1055	285	Lots 410-411, Plan M-504, Rosemary Lane	A-6456
Toronto, City of	14635	11572	South-east corner Lawrence Ave. and St. Edmunds Drive	A-6490

SEWAGE AND SEWAGE DISPOSAL WORKS

(Sec. 95 of "The Public Health Act" (Chap. 262, R. S. O. 1927)

Municipality		Procedure File
North Monaghan, Township of	Terms for use of sewage disposal works of City of Peterboro'	A-6416

SINKING FUNDS

(Approval of Investment of, under Section 317 of "The Municipal Act")

Municipality	Sinking Fund Investment By-law	Debenture By-law	Purpose	Amount	Procedure File
Owen Sound, City of	796	793-4-5	Local Improvements	48,491.72	A-6057-a
King, Township of			Public School purposes S. S. No. 19	3,500.00	A-6383
Fort William, City of		3476	Unemployment Relief Works	12,771.57	A-6409-a

TAX RATE

(Section 306 (2) of "The Municipal Act")

Municipality	By-law No.	Purpose	Amount	Procedure File
Orillia, Town of	1329	Minden Power Development completion	100,000.00	A-5755-a
Stratford, City of	3618	Direct Relief — 1935	50,000.00	A-5784-b
Stratford, City of	3629	Floating Indebtedness	64,000.00	A-6159
New Liskeard, Town of		Local Improvement — re-tread pavement on Mary Street	6,000.00	A-6207-a
Preston, Town of	1169	Floating Indebtedness	30,000.00	A-6139-a
Preston, Town of	1170	Direct Relief 1935-1936	12,000.00	A-5974-a
York, Township of		Housing Scheme (Unemployment Relief)	8,135.00	A-6321
Timmins, Town of	480, 481	Local Improvements	7,500.00	A-5996-1
	475, 476		49,500.00	
Grimsby, Town of	791	Water Works Improvements	8,660.00	A-6385-a
Timmins, Town of	482	Sewer Extension	25,000.00	A-6388-a
Stratford, City of	3635	Local Improvements— Cedar Street, etc.	2,147.00	A-6356-a
Bolton, Village of	694	Water Works System	30,000.00	A-6453-a
West Lorne, Village of	409	Water Works System	55,000.00	A-6498-a

"THE UNEMPLOYMENT RELIEF ACT, 1935"
APPROVAL BY-LAWS FOR DIRECT RELIEF PROGRAMMES

Municipality		Amount	Procedure File
Kitchener, City of	Budget By-law 2506	60,000.00	A-5936
Ottawa, City of	1936 Direct Relief Programme	537,875.00	A-5937
Brockville, Town of	1936 Direct Relief Programme	30,000.00	A-5938
Toronto, City of	1936 Direct Relief Programme (80% approved)	2,926,700.00	A-5940
Guelph, City of	1936 Direct Relief Programme	125,000.00	A-5941
Hamilton, City of	1936 Direct Relief Programme (80% approved)	432,000.00	A-5945
Welland, City of	1936 Direct Relief Programme	28,817.00	A-5973
Preston, Town of	1936 Direct Relief Programme	6,000.00	A-5975
St. Catharines, City of	1936 Direct Relief Programme	55,000.00	A-5986
Kingston, City of	1936 Direct Relief Programme	60,000.00	A-5942
Brantford, City of	1936 Direct Relief Programme	165,000.00	A-6047

"THE CITY OF WINDSOR AMALGAMATION ACT, 1935"

		Procedure File
Windsor, City of	Funding and refunding of debts of Municipality comprising new city	A-6222
Windsor, City of	Windsor Finance Commission vs. Levy of additional rate of 5½ mills for deficit in expenditures for welfare	A-6238

WEIGH SCALES AND WEIGHING OF COAL, ETC.
(Section 400 (1) of "The Municipal Act")

Municipality	By-law No.	Purpose	Procedure File
Hamilton, City of	Amending By-law 4586	Regulating the weighing of coal and coke	A-5019-a
Forest, Town of	795	Regulating the weighing of coal and coke	A-6246
Paris, Town of	954	Regulating the weighing of coal and coke	A-6323

WORKS ORDERED BY THE BOARD OF RAILWAY COMMISSIONERS FOR CANADA AND THE ONTARIO MUNICIPAL BOARD
(Section 297 (2) (f) of "The Municipal Act" as enacted by section 18, Chapter 50, Ontario Statutes, 1931)

Municipality	Purpose	Procedure File
Toronto, City of	Balance of cost payable to Hydro Electric Power Commission (Toronto) and Toronto Transportation Commission re construction of Carlaw Avenue and Gerrard Street Subways—$74,107.13	A-5912

LIST OF APPLICATIONS RESPECTING PROVINCIAL RAILWAYS DURING 1936

		Procedure File	Plan
Ottawa Electric Railway Company—Appointment of C. W. Carson as Examiner of Operators of One-Man cars		A-6279	
Sudbury-Copper Cliff Suburban Electric Railway	Guarantee of bonds—$75,000.00 by City of Sudbury	A-6292	
Sudbury, City of	Guarantee of bonds of Sudbury—Copper Cliff Suburban Electric Railway ($75,000.00) (By-law No. 1756)	A-6292	

LIST OF APPLICATIONS RESPECTING PROVINCIAL RAILWAYS DURING 1936 — Continued

	Procedure File	Plan
Toronto Transportation Commission:		
Approval of Plans for reconstruction of tracks, Prince Edward Viaduct—Parliament Street to Broadview Ave.	A-6053	641
Performance of Agreement with Lake Shore Municipalities re accounting and fares charged on Mimico Division (Application by J. P. O'Donnell)	A-6117	
Approval of Plan of special track work on Dundas Street West at St. Patrick Street	A-6160	642
Approval of Plan for reconstruction of special track work at Adelaide and Victoria Streets	A-6235	643
Approval of design and operation of "One-man" car on Long Branch Route—on Lake Shore Road between Roncesvalles Avenue and Brown's Line	A-6261	
Approval of Plan for proposed re-alignment of exit at Bloor and Jane Streets Loop.	A-6331	647

PLANS OF LAND SUBDIVISIONS

Approved by the Board under "The Planning and Development Act", "The Land Titles Act" and "The Registry Act".

Owner	Description	Procedure File
Beaudoin, Henry	Part South ½ Lot 16, Con. IX, Township of Tiny, County of Simcoe ("The Registry Act" and "The Planning and Development Act")	A-6094
Boissonneault, Fabien	Part Lot 4, Con. 11, Township of Mountjoy, District of Cochrane. ("The Land Titles Act")	A-6223
Boys, John R.	Part West ½, Lot 27, and part broken Lot 28, Con. VI, Township of Oro, County of Simcoe	A-6357
Don Valley Paper Company Ltd.	Parts of Lots 10 and 11, 2nd Con. from Bay, parts Lots 6 and 11 Third Con. from Bay, and parts original road allowances (whole Reg. Plan 6090) Township of East York, County of York.	A-6013
Fife, Victor	Part Lots 4 and 5, Con. V, Township of Smith, County of Peterboro' ("The Planning and Development Act" and "The Registry Act")	A-5895
Forest Hill, Village of	Amendment to General Plan (Sheet 59) of City of Toronto. (Plan 648)	A-6377
Hamelin, Emery	Part North part Lot 1, Con. 111, Township of Mountjoy, District of Cochrane. ("The Planning and Development Act" and "The Land Titles Act")	A-6107
Homuth, Karl	Part of Township Lot 2 and part Lots 81, 82 and 83, Reg. Plan 69, Town of Preston	A-6314
Longworth, Wm. et al	Surface rights of south part of Mining Claim T. B. 11618, Township of Summers (unorganized), District of Thunder Bay ("Empire" Subdivision)	A-5998
Larder, City Townsite	Re-subdivision part of—See "Proprietary Mines, Ltd."	A-6488
Moorehead, T. H.	Part E. ½ Lot 5, Con. V, W. Township of Chinguacousy, County of Peel. ("The Registry Act" and "The Planning and Development Act"	A-5896
Murray, Norma C.	Part Lot 32, Con. XIV, Township of Innisfil, County Simcoe—being amendment to Reg. Plan No. 596 of said Township	A-6329

PLAN OF LAND SUBDIVISIONS — Continued

Owner	Description	Procedure File
Murphy, J. W.	Part Lots 8 and 9, Broken Front Concession, Township of Plympton, County of Lambton. ("The Registry Act") ..	A-6482
Niagara Parks Commission.	See "Welland Securities, Ltd."	A-5926
Neff, Lloyd V.	Part Township Lot 13, Con. 1, Township of Wainfleet, County of Welland. Morgan's Point Addition")	A-6306
"Old Orchard Skating Rink"	property—See "Scott, Wm. D. and Victor L."	A-5950
Proprietary Mines Ltd.	Re-subdivision of part Larder, City Townsite, Townships of Hearst and McVittie —District of Temiskaming. ("The Land Titles Act")	A-6488
Ramsay, Township of	Part W. ½ Lot 3, Con. X, Township of Ramsay (now within limits of Village of Appleton) County of Lanark	A-6427
Scott, William Douglas and Victor Lewis Scott	Parts Reg. Plans 565, 635 and 746, Toronto ("Old Orchard Skating Rink" property)	A-5950
Toronto, City of	Amendment to General Plan—Sheet 59, Forest Hill Village. Plan 648	A-6377
Welland Securities Ltd. et al.	Park Lots 1 to 10 inc. and 40 ft. road allowance in front thereof (Samuel Street Survey), Township of Willoughby, County of Welland.	A-5926
Watson, William H. et al. ..	Part Block "A", Con. XVI, Township of Sunnidale, County of Simcoe.	A-6218
Wheeler, W. A. et al.	Part Broken Lot No. 34, Con. 11, Township of Nottawasaga, County of Simcoe	A-6442

LIST OF APPLICATIONS TO THE BOARD UNDER "THE TELEPHONE ACT"

		Procedure File
Ansonville Telephone Co. Ltd. ..	Approval terms for interchange of service with Abitibi Power & Paper Co. Ltd.	A-6052
Abitibi Power & Paper Co. Ltd. ..	Approval terms for interchange of service with Ansonville Telephone ..Co. Ltd.	A-6052
Aylmer & Malahide Telephone Co. Ltd.	Approval agreement for purchase of portion of property of Houghton & Bayham Telephone Co. Ltd. ..	A-6170
Aylmer & Malahide Telephone Co. Ltd.	Approval of its By-law No. 31	A-6240
Algoma Ceneral Telephone Co. Ltd.	Approval of its By-laws Nos. 1, 2 and 3	A-6298
Abitibi Power & Paper Co. Ltd. ..	Approval of Agreement for interchange of service with the Ansonville Telephone Co. Ltd.	A-6052 a
Ansonville Telephone Co. Ltd. ..	Approval of Agreement for interchange of service with the Abitibi Power & Paper Co. Ltd.	A-6052 a
Algoma Ceneral Telephone Co. Ltd. & Algoma Central & Hudson Bay Railway Co.	Approval of Agreement for interchange of telephone service.....	A-6462
Amaranth, Township of	Approval By-law No. 63, granting use of highways to the Rocktown Telephone Co. Ltd.	A-6497
Byron Telephone Company, Ltd. .	Approval By-laws for control and management of system	A-5911
Bruce Municipal Telephone System	Approval of date for holding annual meeting of subscribers	A-5978
Bell Telephone Co. of Canada, Ltd.	Approval Agreement for interchange of service with the T. & N. O. Railway	A-6116

LIST OF APPLICATIONS TO THE BOARD UNDER "THE TELEPHONE ACT"
Continued

		Procedure File
Byron Telephone Co. Ltd.	Approval of investment of portion of Depreciation Reserve Fund in Dominion of Canada 3% Perpetual Bonds	A-6450
Bell Telephone Co. of Canada, Ltd.	Approval of sale to of The Salem Telephone Co. Ltd.	A-6492
Bell Telephone Co. of Canada, Ltd.	Approval of sale to of the Bethesda Mutual Telephone Co. Ltd.	A-6493
Bethesda Mutual Telephone Co. Ltd.	Approval of sale of to the Bell Telephone Company of Canada, Ltd.	A-6493
Bethesda Mutual Telephone Co. Ltd.	Approval of By-law No. 3 re Corporate Seal	A-6508
Bell Telephone Co. of Canada, Ltd.	Approval of sale to Township of Caledon of certain telephone plant and equipment	A-6516
Dawn, Township of	Approval of purchase from by Township of Moore of certain telephone plant and equipment of The Dawn Municipal Telephone System	A-6146
East Whitby, Township of	Approval of By-law No. 1183—right to use the highways for the erection of poles & wires thereon to the Home Telephone Co. Ltd.	A-6015 (d)
Fort Frances, City of	Approval of charges for service of Fort Frances Municipal Telephone System to hotels having private switchboards.	A-6161
Fort William, City of	Approval of purchase of telephone system of Township of O'Connor	A-6486
Howick Municipal Telephone System	Approval of date for holding Annual Meeting	A-5972
Home Telephone Co. Ltd.	Approval By-laws 18 and 19—decreasing number of members of Board of Directors from 12 to 5	A-5981
Home Telephone Co. Ltd.	Approval following By-laws granting right to erect poles and wires on highways in respective Townships —Pickering (By-law No. 1451) Markham (By-law No. 997 West Whitby (By-law No. 1317) East Whitby (By-law No. 1183), Reach (By-law No. 1573) and Uxbridge (By-law No. 1089)	A-6015 a-f
Hagarty Municipal Telephone System	Approval Agreement for intercommunication etc. with the South Algona Municipal Telephone System	A-6043
Howick Municipal Telephone System	Approval Agreement for interchange of service with The Wroxeter Telephone Company	A-6165
Houghton & Bayham Telephone Co. Ltd.	Approval Agreement for sale to Aylmer & Malahide Telephone Co. Ltd. of portion of its property	A-6170
Houghton & Bayham Telephone Co. Ltd.	Approval Agreement for sale to Norfolk & Tillsonburg Telephone Co. Ltd. of portion of its property	A-6169
Houghton & Bayham Telephone Co. Ltd.	Approval of its By-law No. 100	A-6241
Houghton & Bayham Telephone Co. Ltd.	Approval of its By-law No. 101	A-6242
Hillman, J. H. Jr. et al	Interchange of service with Monck Municipal Telephone System	A-6289
Home Telephone Company, Ltd.	Approval of the issue of notes in part payment of certain telephone plant & equipment purchased from the Bell Telephone Co. of Canada Ltd.	A-6417

LIST OF APPLICATIONS TO THE BOARD UNDER "THE TELEPHONE ACT"

Continued

		Procedure File
Ingersoll Telephone Company, Ltd.	Approval of the investment of portion of Reserve Depreciation Fund in new construction etc.	A-6014
Leeds & Grenville Independent Telephone Co. Ltd.	Authority to furnish free service to M. Houghm, Assistant Lineman..	A-6161
London Township Municipal Telephone System	Approval of appointment of A. Ferguson as Commissioner in place of A. Stewart (resigned)	A-6270
Long Lac Telephones, Ltd.	Approval Constitution and By-laws	A-6344
Markham, Township of	Approval By-law No. 997—right to Home Telephone Company, Ltd. to erect poles & wires on highways therein	A-6015 b
Mousseau, Anthony N.	Approval sale to by M. J. O'Brien, of his interest in the Calabogie & Renfrew Telephone Association.	A-6092
Moore, Township of	Approval of purchase of certain telephone plant and equipment from Tp. of Dawn ("Dawn Municipal Telephone System")	A-6146
Monck Municipal Telephone System	Approval of agreement for interchange of service with J. H. Hillman. Jr. and John M. Wilson, Pittsburg, Pa. U. S. A.	A-6289
Metcalfe Rural Telephone Co. Ltd.	Authority to invest portion of Depreciation Reserve Fund in purchase of Province of Ontario Bonds	A-6515
Mono, Township of	Approval By-law No. 553—use of highways to the Rocktown Telephone Co. Ltd.	A-6496
McCreary Telephone Co. Ltd.	Approval purchase of certain telephone plant and equipment from, by Township of Tyendinaga ...	A-6112
Northern Telephone Co. Ltd.	Approval of expenditure of portion of Depreciation Reserve on construction etc. during 1935 (See A-6424)	A-5993
Norfolk & Tillsonburg Telephone Co. Ltd.	Approval of agreement for purchase of portion of property of Houghton & Bayham Telephone Co. Ltd. ...	A-6169
Norfolk & Tillsonburg Telephone Co. Ltd.	Approval of its By-law No. 4	A-6239
Northern Telephone Co. Ltd.	Approval of expenditure of portion of Depreciation Reserve Fund on new construction etc.	A-6424
Northern Telephone Co. Ltd.	Approval of expenditure of portion of Depreciation Reserve Fund on new construction etc.	A-6459
O'Brien, M. J.	Approval of sale of interest in The Calabogie & Renfrew Telephone Association to Anthony N. Mousseau	A-6092
O'Connor, Township of	Approval of purchase by City of Fort William of O'Connor Municipal Telephone System	A-6486
O'Connor Municipal Telephone System	Approval of purchase of by City of Fort William	A-6486
Pickering, Township of	Approval of By-law No. 1451—right to Home Telephone Co. Ltd. to erect poles & wires on highways therein	A-6015 a
Pringle, W. W. et al	Approval of purchase of all issued shares in Redden Telephone Co. Ltd. from W. W. Redden et al ..	A-6041

LIST OF APPLICATIONS TO THE BOARD UNDER "THE TELEPHONE ACT"
Continued

		Procedure File
Reach, Township of	Approval of By-law No. 1573—right to Home Telephone Co. Ltd. to erect poles and wires on highways therein	A-6015 e
Redden, Walter et al	Approval sale of all issued shares in The Redden Telephone Co. Ltd. to W. W. Pringle et al	A-6041
Rocktown Telephone Co. Ltd.	Approval of By-law No. 553 of Township of Mono granting use of highways to,	A-6496
Rocktown Telephone Co. Ltd.	Approval of By-law No. 663 of Township of Amaranth granting use of highways to	A-6497
Southern Ontario Telephone Co. Ltd.	Approval of By-laws for control and management of System	A-5898
South Bruce Rural Telephone Co. Ltd.	Approval of investment of $5,000.00 of Depreciation Reserve Fund in interest bearing securities	A-5971
South Algoma Municipal Telephone System	Approval of agreement for interchange of service etc. with the Hagarty Municipal Telephone System	A-6043
South Monaghan Municipal Telephone System	Approval of increased charges	A-6407
Salem Telephone Co. Ltd.	Approval of sale of to Bell Telephone Company of Canada, Ltd. and of By-laws Nos. 1 & 2 in regard thereto	A-6492
Salem Telephone Co. Ltd.	Approval of By-law No. 3 (re Corporate Seal)	A-6509
Tyendinaga Municipal Telephone System	Approval of purchase of certain telephone plant and equipment from the McCreary Telephone Co. Ltd.	A-6112
Temiskaming & Northern Ontario Railway	Approval of Agreement for interchange of service with the Bell Telephone Company of Canada, Ltd.	A-6116
Uxbridge, Township of	Approval of By-law No. 1089—right to Home Telephone Co. Ltd. to erect poles and wires on highways therein	A-6015 f
Woodbridge & Vaughan Telephone Co. Ltd.	Approval of expenditure of portion of Depreciation Reserve Fund on new construction etc.	A-6012
West Whitby, Township of	Approval of By-law No. 1317—right to Home Telephone Co. Ltd. to erect poles & wires on highways therein	A-6015 c
Welland County Telephone Co. Ltd.	Approval of investment of portion of Depreciation Reserve Fund in new construction etc.	A-6017
Wroxeter Telephone Co. Ltd.	Approval of agreement for interchange of service with the Howick Municipal Telephone System	A-6165
Wilson, J. M. et al	Approval of interchange of service with Monck Municipal Telephone System	A-6289

LIST OF BELL TELEPHONE AGREEMENTS APPROVED BY THE BOARD UNDER SECTION 97 OF "THE TELEPHONE ACT"

EXCHANGE & TOLL LINE AGREEMENTS	Procedure File
Calabogie & Renfrew Telephone Association	A-6214
Muskoka & Parry Sound Telephone Company, Ltd.	A-6077
SERVICE STATION AGREEMENTS	
Muskoka & Parry Sound Telephone Company, Ltd.	A-6077

TARIFF OF FEES

TARIFF OF FEES PAYABLE IN CASH OR LAW STAMPS UNDER SECTIONS 160 AND 161 OF "THE ONTARIO MUNICIPAL BOARD ACT, 1932"

For copy of any Document, 10 cents for each 100 words and 50 cents for each Certificate.

For copy of any map or plan, applicants are to pay draughtsman's and engineer's fees for same and 50 cents for each Certificate.

In contentious matters, including arbitrations or references to the Board under Public General Acts of Ontario, requiring a Hearing, there shall be paid in Law Stamps the sum of $15.00 for each day or fraction thereof over one half-day, and the sum of $10.00 for each half-day or less occupied by or in connection with the Hearing, and $1.00 on each original subpoena.

In all other arbitrations or references requiring a Hearing there shall be paid in Law Stamps the sum of $50.00 for each day or fraction thereof over one half-day, and the sum of $25.00 for each half-day or less occupied by or in connection with the Hearing, and $1.00 on each original subpoena.

IN CASES IN WHICH THERE IS NO OPPOSING PARTY

1. Applications by Municipalities for approval of undertaking of capital expenditures under section 89 of "The Ontario Municipal Board Act" as amended in 1935:

Where proposed expenditure does not exceed $5,000				$ 5.00
Over $ 5,000	and up to $	10,000		10.00
" 10,000	"	15,000		15.00
" 15,000	"	20,000		20.00
" 20,000	"	25,000		25.00
" 25,000	"	30,000		30.00
" 30,000	"	35,000		35.00
" 35,000	"	40,000		40.00
" 40,000	"	50,000		45.00
" 50,000	"	75,000		50.00
" 75,000	"	100,000		75.00
" 100,000	"	125,000		85.00
" 125,000	"	150,000		95.00
" 150,000	"	200,000		100.00
" 200,000	"	500,000		175.00
" 500,000, such sum as the Board may order or direct.				

(Drainage purposes—see paragraph 8)

2. Where the assent of the Electors is dispensed with by Order of the Board, or where the Board holds a Public Hearing, upon all applications under Section 89 a fee of $15.00 may, on direction of the Board, be added to the above.

3. In cases of capital expenditure, where monies are provided for direct relief costs of the Municipality, the Board's fee on applications up to $25,000 will be $5.00 and on applications over $25,000 will be $10.00.

4. Where approval of debentures is required under Section 89 for debentures to provide monies for capital expenditures already ordered by the Board's Order approving the Construction By-law, no additional fee should be required.

5. Where the Board is required to certify the validity of debentures under Section 83 of "The Ontario Municipal Board Act," the following fees shall be paid:

ON ORDER under Part V of *The Ontario Municipal Board Act*, validating a By-law and Debentures, the following sums shall be paid in Law Stamps:

(These fees shall be payable on each group of four By-laws (grouped by serial numbers) consolidated under *The Local Improvement Act*).

Where proposed expenditure does not exceed $5,000				$ 7.50
Over $ 5,000	and up to $	10,000		10.00
" 10,000	"	15,000		15,00
" 15,000	"	25,000		20.00
" 25,000	"	50 000		25.00
" 50,000	"	100,000		30.00
" 100,000	"	125,000		35.00
" 125,000	"	150.000		40.00
" 150,000	"	200,000		45.00
" 200,000	"	500,000		50.00
" 500,000, such sum as the Board shall order or direct.				

6. Applications under Section 8 of *The Local Improvement Act* as enacted in 1932 (Chap. 30, sec. 2):

TARIFF OF FEES — Continued

The Board's fee on applications for approval of Local Improvement By-laws under the above section, where public hearing is held, will be $15.00 for one By-law and $5.00 additional if approval of more than one By-law is sought.

7. Assessment Appeals:

The party appealing to the Board under Section 83 of *The Assessment Act* shall pay $15.00 upon each appointment for a Hearing.

8. Drainage By-laws:

Where proposed expenditure does not exceed $1,000	$1.00
Over $1,000 and up to $2,000	2.00
" 2,000 " 3,000	3.00
" 3,000 " 5,000	5.00
" 5,000 " 10,000	10.00
Approval of By-law for work ordered by Dominion Railway or Ontario Municipal Board—Section 297 (2) (F) of *The Municipal Act*	$10.00
Approval of By-law authorizing expenditure for fire hall, fire engines, etc. —Section 27 of *The Municipal Amendment Act*, 1931 (Chapter 50)	10.00
Approval of By-law for extension of Waterworks or Electric Light of Gas-works, etc.—Section 399 (2) of *The Municipal Act*	10.00
Approval of By-law under Special Legislation	10.00
Approval of Increased Borrowings by Municipal Councils, 334 of *The Municipal Act*, as re-enacted by Section 10, Chapter 37, Ontario Statutes, 1933	$10.00
Approval of a plan under *The Railway Act*	5.00
Approval of Railway Fenders	5.00
Extension of time to pass a By-law—Section 288 (5) of *The Municipal Act*	5.00
Extension of Debenture Issue period—Section 296 (11) and (12) of *The Municipal Act*	5.00
Approval of Bridge Construction By-law—Section 297 (2) (e) of *The Municipal Act*	5.00
Approval of By-law changing the rate of interest on debentures—Section 300 of *The Municipal Act*	5.00
Repeal of By-law as to amount not required—Section 301 (2) of *The Municipal Act*	5.00
Approval of further debt and levies where tax rate too high—Section 306 (2) of *The Municipal Act*	5.00
Approval of Sinking Fund Investment By-law—Section 317 of *The Municipal Act*	5.00
Approval of Municipal Fuel By-law—Section 397 (38) of *The Municipal Act*	5.00
Approval of laying out of highway less than sixty-six feet in width—Section 490 of *The Municipal Act*	5.00
Approval of By-law abandoning part of local improvement work—Section 18 of *The Local Improvement Act*	5.00
Approval of By-law apportioning cost of local improvement work—Section 26 (3) of *The Local Improvement Act*	5.00
Approval of plan of land subdivision	5.00
Approval of Railway Company's Public By-laws and Rules	2.00
Approval of Railway Company's Tolls and Tariffs	2.00
Approval of Railway Company's Examiner of Motormen	1.00

On orders not included in the above list, such sums as the Board may order or direct.

TARIFF OF FEES PAYABLE IN LAW STAMPS IN PROCEEDINGS UNDER "THE TELEPHONE ACT"

ON ORDER:

Authorizing the passing of a By-law extending the period for repayment of debentures to cover the cost of telephone system established pursuant to Section 19, beyond ten years; under Section 26	$10.00
Authorizing the extension of a telephone system established pursuant to Section 19, into unorganized townships; under Section 18	5.00
Approving a Municipal By-law, providing for the establishment or extension of telephone system; under Section 19	10.00
Extending the period within which Debenture By-law to cover cost of establishing a telephone system pursuant to Section 19 may be passed; under Section 25	$10.00
Authorizing a Municipal Council to pass a By-law for reconstruction etc.; under Section 27	5.00
Authorizing a Municipal Council to pass a By-law for the issue of debentures for furnishing service to persons not being assessed landowners; under Section 28	10.00

TARIFF OF FEES — Continued

Authorizing the passing of a By-law providing for the issue of new debentures to provide for the payment of a portion of the principal of the original debentures falling due in any year; under Section 30	10.00
Approving the purchase of telephone systems; under Sections 31 and 102	5.00
Approving the appointment of Commissioner by Municipal Council; under Section 52	5.00
Prescribing date for holding Annual Meeting of Subscribers; under Section 59	5.00
Consenting to duplication of pole lead on highway; under Section 59	5.00
Approving Connecting Agreement with The Bell Telephone Company of Canada, Limited; under Section 97	5.00
Authorizing a Company to extend a portion of its Depreciation Reserve in new construction, etc.; under Section 110	5.00
Authorizing a Company to issue additional stock or bonds; under Section 111	10.00
Authorizing the removal of signatures from a petition, praying for the establishment of a telephone system pursuant to Section 19; under section 12	5.00
Granting the use of highways in unorganized townships; under Section 84	2.00
Approving the By-laws of a telephone company; under Section 88	2.00
Approving Connecting Agreement between telephone systems within the jurisdiction of Ontario; under Section 97	2.00
Approving regulations to prevent the misuse of system by subscribers; under Section 112	2.00
Approving Municipal By-law granting the use of highway; under Section 80	1.00

On any Order not included in the above list such sums as the Board may order or direct.

In contentious matters requiring a Hearing $15.00 for each day or fraction thereof occupied in connection with the Hearing, and $1.00 on each original subpoena.

Where inquiry is made by the Board's expert $10.00 for each day or fraction thereof occupied in connection with such inquiry.

For copy of any Document, 10 cents for each 100 words, and 50 cents for each Certificate.

THE FOLLOWING GIVES A BRIEF SUMMARY OF THE EXTENSIONS AND IMPROVEMENTS MADE TO THE RAILWAYS UNDER PROVINCIAL JURISDICTION DURING THE YEAR 1936

CORNWALL STREET RAILWAY, LIGHT AND POWER COMPANY LIMITED

During the year December 31st, 1935 to December 31st, 1936, this Company reports that there were no extensions made to their track.

During the same period the Company also reports a total expenditure on track improvements, overhead structure, rolling stock, buildings, machinery, etc. of $17,195.90.

FORT WILLIAM ELECTRIC RAILWAY

It is reported that during the year ending December 31st, 1936, this company did not make any extensions to track.

The Company also reports during the same period a total expenditure on track improvements, overhead structure, rolling stock, buildings, etc. of $9,481.99.

GUELPH RADIAL RAILWAY

(Hydro-Electric Radial Railway)

It is reported by the Hydro-Electric Power Commission of Ontario that during the year ending December 31st, 1936, there were no extensions made to the track of the above railway.

The Commission also reports that there were no expenditures made on track improvement, overhead structure, rolling stock, buildings, machinery or other improvements.

HAMILTON STREET RAILWAY COMPANY

During the year ending December 31st, 1936, it is reported that no extensions were made to track.

During the same period the company reports an expenditure of $16,440.50 on track improvements, overhead structure, rolling stock, buildings, machinery and other improvements.

THE HUNTSVILLE AND LAKE OF BAYS RAILWAY COMPANY

The company reports that during the year ending December 31st, 1936 they made no extensions to track.

They also report an expenditure of $380.83 upon track improvement, overhead structure, rolling stock, buildings, etc. the railway being operated only during the summer months.

THE INTERNATIONAL TRANSIT COMPANY

During the year ending December 31st, 1936, this company reports that no expenditure was made on track extensions, or for track improvements, overhead structure, rolling stock, buildings, machinery, or other improvements.

KITCHENER-WATERLOO and BRIDGEPORT RAILWAY

It is reported that during the year December 31st, 1935 to December 31st, 1936, no extension was made to track. It is also reported that no expenditure was made on track improvements etc. during the same period.

LONDON STREET RAILWAY

This Company report that during the year ending December 31st, 1936, they did not make any track extensions.

They report however, that during the same period a total expenditure was made on busses and bus equipment of $57,237.63.

MIDLAND-SIMCOE RAILWAY COMPANY

During the year ending December 31st, 1936, it is reported that no extensions were made to track.

During the same period it is reported that $65.56 was expended on replacing 72 lb. rail with 86 lb. siding rail on two curves.

MOUNT McKAY AND KAKABEKA FALLS RAILWAY

This railway company did not make any extensions to track during the year ending 31st December, 1936.

They also report no expenditure during the same period on track improvements etc.

NIAGARA PENINSULAR RAILWAY

During the year ending 31st December, 1936, it is reported that this railway did not make any extension to track. They also report no expenditure on track improvements, etc.

NORTH YONGE RAILWAYS

During the year ending 31st December, 1936, this company made no expenditure upon track extensions or on improvements to track, etc.

PORT ARTHUR CIVIC RAILWAY

During the year ending December 31st, 1936, it is reported that this railway did not make any extensions to track.

It is reported however, that during the same period an expenditure was made on track improvements, overhead structure, rolling stock, building, etc. of $29,312.38.

SANDWICH, WINDSOR AND AMHERSTBURG RAILWAY COMPANY

During the year ending December 31st, 1936, it is reported that this Company did not make any extensions to track.

It also reports that during the same period it did not make any expenditure on track improvements, overhead structure, rolling stock, etc.

SUDBURY-COPPER CLIFF SUBURBAN ELECTRIC RAILWAY

It is reported by this Company that during the year ending December 31st, 1936, no extension was made to track.

It is also reported during the same period that the Company did not make any expenditure on track improvements, overhead structure, rolling stock, etc.

TEMISKAMING AND NORTHERN ONTARIO RAILWAY

It is reported by the Temiskaming and Northern Ontario Railway Commission that during the year December 31st, 1936, they did not make any extensions to the track of the Temiskaming and Northern Ontario Railway.

The Commission also reports that during the same period a total expenditure was made on track improvements, rolling stock, buildings, etc. of $208,641.68.

THURLOW RAILWAY COMPANY

During the year ending December 31st, 1936, it is reported that this Company did not make any extensions to track, nor was there any expenditure upon track improvements, rollingstock, buildings, etc.

TILLSON SPUR LINE RAILWAY COMPANY

It is reported that during the year ending 31st December, 1936, this Company did not make any extensions to track. They also report no expenditure on track improvements, overhead structure, buildings, etc. during the same period.

TORONTO TRANSPORTATION COMMISSION

The Commission report that during the year December 31st, 1935, to December 31st, 1936, they made no track extensions.

It is also reported that during the same period they made an expenditure on track improvements, overhead structure, rolling stock, buildings, machinery, etc. of $765,820.11.

TOWNSHIP OF YORK AND WESTON RAILWAY

The Toronto Transportation Commission, which operated the above railway, reports that no extension was made to the tracks during the year ending December 31st, 1936.

It is also reported that during the same period no expenditure was made on track improvements, overhead structure, rolling stock, machinery, etc.

WENTWORTH INCLINE RAILWAY, LIMITED

This company reports no expenditures on track extension or improvements, they having ceased operations in August, 1936.

TABULATED SUMMARY OF ACCIDENT REPORTS IN 1936

Passengers		Employees		Travellers on Highways		Trespassers at Crossings		Travellers		Total	
Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
....	967	2	26	22	169	Nil	Nil	Nil	Nil	24	1162

TORONTO, 1936

Summary of all Accidents on lines of the Toronto Transportation Commission from January 1st to December 31st, 1936.

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Collisions with Cars	4	2	Nil	2	1	2	Nil	1	1	1	Nil	Nil	14
Collisions with Autos	352	584	385	196	170	181	182	178	243	239	293	564	3567
Collisions with Motorcycles and Bicycles	5	8	5	9	4	7	6	7	4	8	12	18	93
Collisions with Wagons	4	4	4	5	1	4	2	8	5	3	11	2	53
Boarding Cars	13	11	12	7	10	8	13	13	11	7	18	9	132
Alighting from Cars	54	43	30	19	22	21	18	18	21	7	24	25	302
Falling within Cars	48	51	30	33	26	28	23	23	26	30	51	27	396
Derailment of Cars	1	1	Nil	Nil	Nil	1	Nil	Nil	Nil	Nil	Nil	Nil	3
Miscellaneous	38	81	69	50	49	35	31	41	36	7	60	41	578
Total all Accidents	519	785	535	321	283	287	275	289	347	342	469	686	5138
Personal Injuries all Degrees:													
To Passengers	96	86	61	61	64	53	46	67	62	60	81	69	806
To Others	18	22	24	20	6	12	10	11	16	18	20	15	192
Total	114	108	85	81	70	65	56	78	78	78	101	84	998
Fatal Accidents:													
To Passengers	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
To Others	Nil	1	2	4	2	1	Nil	3	Nil	4	1	Nil	18
Total	Nil	1	2	4	2	1	Nil	3	Nil	4	1	Nil	18

HAMILTON, 1936

Summary by Months of all Accidents on the Hamilton Street Railway
From January 1st to December 31st, 1936

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Collisions with Cars	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Collisions with Autos	24	74	40	29	28	38	19	11	19	41	32	67	422
Collisions with Motorcycles and Bicycles	1	1	2	Nil	1	1	2	Nil	Nil	Nil	1	Nil	9
Collisions with Wagons	2	4	2	1	1	1	1	Nil	Nil	1	1	Nil	14
Boarding Cars	1	3	2	1	1	1	1	1	2	1	2	1	17
Alighting from Cars	Nil	1	1	1	Nil	1	1	Nil	1	1	1	1	9
Derailment of Cars	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Miscellaneous	Nil	1	1	2	Nil	2	2	1	1	1	1	1	13
Total, all Accidents	28	84	48	34	31	44	26	13	23	45	38	70	484
Personal Injuries all Degrees:													
To Passengers	1	4	5	6	1	4	2	1	4	2	1	1	32
To Others	1	1	2	Nil	1	2	3	Nil	Nil	3	Nil	1	14
Total	2	5	7	6	2	6	5	1	4	5	1	2	46
Fatal Accidents:													
To Passengers	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
To Others	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Total	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

LONDON, 1936

Summary by Months of all Accidents on the London Street Railway
From January 1st to December 31st, 1936.

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Collisions with Cars	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Collisions with Autos	36	50	20	17	19	15	10	24	13	31	27	31	293
Collisions with Motorcycles and Bicycles	Nil	1	Nil	Nil	1	Nil	Nil	Nil	Nil	1	Nil	Nil	3
Collisions with Wagons	Nil	1	1	1	1	Nil	Nil	Nil	1	1	Nil	1	7
Boarding Cars	2	1	2	Nil	1	1	1	1	2	6	1	3	21
Alighting from Cars	4	3	1	Nil	3	1	2	1	2	1	4	2	24
Derailment of Cars	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Miscellaneous	8	7	4	3	1	1	4	3	7	4	6	4	52
Total, all Accidents	50	63	28	21	26	18	17	29	25	44	38	41	400
Personal Injuries all Degrees:													
To Passengers	8	5	2	Nil	4	2	3	1	5	6	3	3	42
To Others	5	4	2	3	Nil	1	2	1	5	3	5	3	34
Total	13	9	4	3	4	3	5	2	10	9	8	6	76
Fatal Accidents:													
To Passengers	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
To Others	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	1	Nil	Nil	Nil	1
Total	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	1	Nil	Nil	Nil	1

ELECTRIC, STEAM AND INCLINE RAILWAYS UNDER PROVINCIAL JURISDICTION, YEAR ENDING 31st DECEMBER, 1936

No	Name of Railway	Length of road first main track	Length of road second main track	Total main track	Length of sidings and turnouts	Total computed as single track	Length under construction	No. Power Houses		Remarks
								Steam	Water	
1	Cornwall Street Railway Light & Power Co. Ltd	5.50	.....	5.50	3.50	9.00	.....	.....	1	Power purchased from St. Lawrence Power Co. Ltd. & supplied to Town of Cornwall, Stone Crusher.
2	Fort William Electric Railway	4.935	19.695	24.630	.800	24.430	.....	.....	.....	Power purchased from Hydro Electric Power Commission of Fort William & supplied to Canadian National Rys.
3	Guelph Radial Railway	6.412	.....	6.412	2.094	8.506	.....	.....	.....	Power purchased from Guelph Board of Light & Heat Commission.
4	Hamilton Street Railway	.....	.....	40.17	2.63	42.80	.....	.....	.....	Power purchased from Hamilton Hydro Electric System.
5	Huntsville & Lake of Bays Ry.	1.45	.....	1.45	.31	1.75	.....	.....	.....	
6	International Transit Co.	3.80	1.17	4.97	.09	5.06	.....	.....	.....	Power purchased from Great Lakes Power Co. Ltd.
7	Kitchener-Waterloo & Kitchener Bridgeport Street Railway	6.55	2.86	9.41	.94	10.35	.....	.....	.....	Power purchased from Public Utilities Commission, Kitchener.
8	London Street Railway	6.4168	3.0377	9.4545	.5048	9.9593	.....	.....	.....	Power purchased from Hydro Electric Power Commission of Ontario.
9	Midland-Simcoe Railway	1.00	.....	1.00	4.00	5.00	.....	.....	.....	
10	Mount McKay & Kakabeka Falls Railway	5.00	.....	5.00	1.50	6.50	.....	.....	.....	Leased to and operated by City of Fort William.
11	Niagara Peninsular Railway	3.325	.....	3.325	2.115	5.440	.....	.....	.....	Operated by Canada Cement Co. Ltd.
12	Port Arthur Civic Railway	13.43	6.10	19.53	1.04	20.57	.....	.....	.....	Power purchased from Electric Light & Power Department, Public Utilities Commission, Port Arthur.
13	Sandwich-Windsor & Amherstburg Railway Co.	48.286	12.729	61.015	5.516	66.531	.....	.....	.....	Power purchased from Hydro Electric Power Commission of Ontario.
14	Sudbury-Copper Cliff Suburban Electric Railway	7.9	.....	7.9	.30	8.2	.....	.....	.....	Power purchased from Hydro Electric Power Commission of Ontario.

15	Temiskaming & Northern Ontario Railway	514.69	.....	514.69	142.46	657.15	.....	1	1 (oil)	1 Steam Power House at North Bay & 1 oil at Moosonee. Power purchased from Public Utilities Commission of Town of Cochrane, Hydro Electric Power Commission of Ontario, Northern Ontario Power Co. Ltd. and Abitibi Power & Paper Co. Ltd.
16	Thurlow Railway Company	2.671	.....	2.671	4.666	7.337	.....	.....	.....	Operated by Canada Cement Co. Ltd.
17	Tllson Spur Line Railway Co.	1.010	.....	1.010	.051	1.061	.....	.....	.....	All rolling stock owned and operated by Canadian National Railway.
18	Toronto Transportation Commission	111.795	103.100	214.895	30.139	245.034	.....	.....	.....	Power purchased from Toronto Hydro Electric System & supplied to Township of York & Weston Railways.
19	" North Yonge Railway	10.247	.....	10.247	1.301	11.548	.....	.....	.....	Power purchased from North Yonge Hydro Electric Commission.
20	" Township of York & Weston Railway	8.063	6.002	14.065	.148	14.213	.....	.....	.....	Power purchased from Toronto Transportation Commission.
21	Wentworth Incline Railway	Ceased operation		August	1936.					

INDEX TO RAILWAY LEGISLATION

The following Index has been made with the object of continuing in chronological order all the legislation passed by the Dominion and Provincial Governments since 1867, affecting railways situated wholly or partially within the Province of Ontario.

"List No. 2" was commenced on page 272 of our Ninth Annual Report (1914), and is continued on page 172 of our Twenty-fifth Annual Report (1930) on page 165 of our Twenty-sixth Annual Report (1931), on page 160 of our Twenty-seventh Annual Report (1932), and on page 146 of our Twenty-eighth Annual Report (1933), page 152 of Twenty-ninth Annual Report (1934), page 51 of our Thirtieth Annual Report and in the following list up to and inclusive of 1936.

RAILWAY COMMISSIONERS may be appointed members of a commission established under "The Power Commission Act, "The Public Utilities Act" or any special Act for the management or control of a public utility
Ontario Statute .....39 (sec. 2 (5) 1936

SANDWICH, WINDSOR AND AMHERSTBURG RAILWAY

Ontario Statute.....56 (sec. 15) 1936

Amending "Sandwich, Windsor & Amherstburg Railway Act, 1930

SUDBURY-COPPER CLIFF SUBURBAN RAILWAY

Ontario Statute.....56 (sec. 18) 1936

Renewal of guarantee by City of Sudbury of bonds of Street Railway

TEMISKAMING AND NORTHERN ONTARIO RAILWAY

Ontario Statute.....61 1936

Act to amend "The Temiskaming and Northern Ontario Railway Act".

WINDSOR, ESSEX AND LAKE SHORE RAILWAY

Ontario Statute.....56 (sec. 20) 1936

"The Windsor, Essex and Lake Shore Railway Act, 1933" 1933" to remain in force until June 30th, 1937.

FORMS THAT MAY BE USED IN CONNECTION WITH THE EXAMINATION OF MOTORMEN

Name of City or Town

.....193

NAME OF RAILWAY

This is to certify that, acting under "The Railway Act, 1927", R.S.O., Chapter 224, Section 265, I save fully examined the.....who is.....years of age and.....feet.....inches high, weighs.....lbs., complexion....., as to his fitness as a motorman, that the said..... .....is of steady habits, and is in physical ability, intelligence and general knowledge of, and experience in, this work, qualified to act as motorman on any electric car of said Company.

I have been duly appointed an examiner under the said Act, my appointment being dated.....

Name.....
Examiner

FORM TO BE USED BY COMPANIES IN REPORTING ACCIDENTS

ACCIDENTS: Regulations under and in pursuance of Sections 275 and 276 of "The Railway Act, 1927", R.S.O., Chapter 224.

ACCIDENTS.—Every company upon the happening of an accident shall give to the Ontario Railway and Municipal Board notice thereof in writing by delivering the same at the office of the Board in the City of Toronto or by mailing it, postage prepaid, in a registered letter addressed to the Board.

Such notice shall contain a statement signed by a duly authorized officer of such company setting forth the information and particulars hereinafter mentioned.

Such statement shall be divided into paragraphs, each of which shall include and refer to one (or one group) only of the numbered particulars hereinafter mentioned, and the paragraph referring to each respective numbered particular shall bear the number corresponding to the number hereinafter given for each such particular.

The numbers of paragraphs and the particulars to which each shall refer as aforesaid are as follows:

1. Name or names of company or companies concerned in accident.
2. Numbers of train, engine, car or motor.
3. Date and time of accident.
4. Nature of accident.
5. Exact location.
6. Name in full, address and legal addition of each person injured or killed.
7. Age.
8. Married or single.
9. Passenger, employee or other
10. If employee, length and nature of service with dates and periods of different occupations (if more than one).
11. If employee, character, experience, skill and fitness with respect to occupation at time of accident.
12. How engaged at time of accident and how long on duty.
13. Cause of accident, how same occurred, with full particulars and details, and diagram, if required.
14. Persons in charge, with full names, addresses and the particulars referred to in paragraphs 10, 11 and 12.
15. Result to person and particulars of injury.
16. Result to property, including amount of damage.
17. Names and addresses of all persons present at, or eye witnesses of, the accident.
18. What investigation (if any), and result of same.
19. Verdict (if any).

The Board reserves the right to require such further and other details, particulars, maps, plans, profiles, documents, models and information or illustration of any kind as to the nature of the accident and a full understanding thereof may suggest or require.

In pursuance of Sections 275 and 276 of said Act, the Board declares that all such information so given in pursuance of this regulation shall be privileged.

Signature of Officer.

N.B.—Give name of officer who fills out this report.

REGULATIONS

REGULATION AS TO HEIGHT OF CAR STEPS

Under and in pursuance of a certain order of the Board bearing date the 2nd day of June, A.D. 1909, the Ontario Railway and Municipal Board made the following regulations:

The steps on all cars hereafter constructed and used by The Toronto Railway Company and all other street and electric railways under the jurisdiction of this Board shall have steps conforming to the following regulations.

On closed single truck cars the height of the first step above the ground shall not be less than twelve nor more than fifteen inches.

On closed double truck cars the height of the first step above the ground shall not be less than fourteen nor more than sixteen inches.

On open single truck cars the height of the first step above the ground shall not be less than twelve nor more than fifteen inches, and the distance between the first and second steps and the second step and the floor of the car shall measure twelve inches and nine inches respectively.

On open double truck cars, the height of the first step above the ground shall not be less than fourteen nor more than sixteen inches, and the distance between the first and second steps and the second step and the floor of the car shall measure twelve inches and fourteen inches respectively.

REGULATION RE DRINKING WATER ON PASSENGER CARS

Every Electric Railway in Ontario, subject to the jurisdiction of the Board, shall provide in each passenger car which runs 20 miles or more, a suitable receptacle for water with paper cups attached upon or near such receptacle, and shall keep such receptacle, while the car is in use, constantly supplied with cool drinking water for the use of passengers and the conductor and motorman in charge of such car.

This regulation shall not apply to street railways in towns or cities.

Dated at Toronto, this 10th day of April, A.D. 1928.

ANALYSIS OF GROSS EARNINGS AND MISCELLANEOUS INCOME FOR YEAR ENDING DECEMBER 31st, 1936

Name of Railway	From Passengers	From Mail	From Express Parcels and Newspapers	From Freight	From Rental of track buildings, and other property	From Advertising	From other miscellaneous sources	Total
Cornwall Street Railway	$60,459.70			$71,538.97		$534.15	$891.24	$133,424.06
Fort William Electric Railway	116,394.37	$900.00			$8.00	851.18	629.09	118,782.54
Hamilton Street Railway	993,283.86			3,800.70	43.00	6,645.23	2,087.06	1,005,859.85
Huntsville & Lake of Bays Ry.	787.40	35.00		1,019.48				1,841.88
Hydro Electric Rys. (Guelph Div.)	46,960.03			8,880.87	266.64	264.36	3,717.65	60,089.95
International Transit Co.	41,049.14	400.00			150.00	440.39		411,039.53
Kitchener-Waterloo Street Ry.	93,076.63	4,511.33	$21.55		1,087.00	573.17	2,162.80	101,432.48
London Street Railway	487,243.14	3,080.00				2,227.50	3,291.66	495,842.30
Mount McKay & Kakabeka Falls Ry.	Line operated by City of Fort William under lease.							
Niagara Peninsular Railway				12,517.50				12,517.50
Port Arthur Civic Railway	134,660.41					387.24		135,047.65
Sandwich Windsor & Amherstburg Ry.	565,541.19	2,639.81	1,535.05	1,836.82	1,600.31	3,188.70	651.13	576,993.01
Sudbury-Copper Cliff Suburban Ry.	90,381.13		55.37		240.00	202.50	64.29	90,943.29
Thurlow Railway				12,400.00				12,400.00
Tillson Spur Line Railway	All rolling stock owned and operated by Canadian National Railways.							
Toronto Transportation Commission	10,207,421.63		15,973.22		79,076.99	95,674.79	38,789.86	10,436,936.49
" " " North Yonge Ry.	68,760.26				1,389.90	418.47	146.68	70,715.31
" " " Twp. York Ry.	202,461.18					840.20	1,805.13	205,106.51
Wentworth Incline Railway	Ceased operation.							

TABULATION OF CAR MILES RUN, PASSENGERS CARRIED, ACCIDENTS ETC., FOR YEAR ENDING DECEMBER 31st, 1936

Name of Railway	Length of track owned miles	Length of switches & sidings miles	Passenger car miles run	Passengers carried	Passenger carried per mile of main track owned	Accidents		No. of Men Employed	Passenger Cars			Other Service Cars								Miscellaneous		
						Killed	Injured		Enclosed Cars	Open Cars	Trailers	Baggage & Mail	Cattle & Box	Platform	Coal & Dump	Tool	Snow Sweepers	Snow Plows	Loading Cranes	Locomotives	Refrigerator	Ferry Boat
Cornwall Street Railway	5.50	3.00	408,656	1,431,245	260,226	.....	.....	48	17	..	.....	....	....	..	.....	..	3	1	....	3	..	..
Fort William Electric Railway	18.916	6.580	654,657	1,900,364	.....	....	5	.....	18	..	5	....	....	..	.....	..	1	2	....	..	..	..
Hamilton Street Railway	40.17	2.63	4,132,991	18,414,846	.....	.....	119	343	73	..	.....	....	....	..	.....	..	4	....	....	..	..	..
Huntsville & Lake of Bays Ry	1.438	.312	....	5,839	5,839	.....	.....	3	.....	..	3	2	....	3	.....	..	.....	....	....	..	..	..
Hydro Electric Rys. (Guelph Radial)	6.412	2.094	336,111	863,559	98,632	1	7	28	7	..	.....	....	....	..	.....	..	1	....	....	1	..	..
International Transit Co	4.97	.09	213,960	824,783	217,048	.....	1	23	8	..	.....	....	....	..	.....	..	1	....	....	..	..	..
Kitchener & Waterloo Street Ry	9.41	.94	312,032	2,261,036	240,376	.....	1	31	.....	..	.....	....	....	..	.....	..	.....	....	....	..	..	..
London Street Railway	9.454	.504	2,501,867	8,852,399	....	.....	91	177	20	..	.....	....	....	..	.....	..	2	....	....	..	..	..
Mt. McKay & Kakabeka Falls Ry	5.00	1.5	Line opera	ted by City	of Fort Wi	lliam	under	lease.							10	..	.....	....	....	..	..	..
Niagara Peninsula Railway	3.325	2.115	....	.....	.....	1	.....	4	.....	..	.....	....	....	1	59	..	.....	....	....	2	..	..
Port Arthur Civic Railway	19.53	1.04	606,828	2,153,158	110,249	.....	1	50	.....	..	.....	....	....	..	.....	..	.....	....	....	..	..	..
Sandwich Windsor & Amherstburg Railway	61.015	5.516	2,476,703	8,431,055	138,180	1	86	208	63	..	1	2	....	..	.....	1	1	1	....	..	..	..
Sudbury Copper-Cliff Suburban Ry.	7.9	.1600	97,000	1,058,430	133,980	.....	.....	21	12	..	.....	....	....	2	37	..	.....	1	....	..	..	..
Thurlow Railway	2.671	4.666	.....	.....	.....	.....	.....	7	.....	..	.....	....	....	..	.....	..	.....	....	3	..	..	..
Tillson Spur Line	1.010	.051	All rolling	stock owne	d and oper	ated	by C	anadia	m Na	tio	nal R	ailw	ay.	..	.....	..	.....	....	....	..	..	..
Toronto Transportation Commission	214.895	30.139	26,500,512	154,064,056	.....	13	314	3,206	683	..	195	....	....	..	.....	..	28	11	....	..	..	..
" " " North Yonge Ry.	10.247	1.301	255,974	.....	.....	.....	.....	Railw	ay op	era	ted &	rolli	ng s	toc	k ow	ne	d by	Tor	onto	Tr	Co	m.
" " " Twp. York Ry.	14.065	.148	594,458	4,137,870	.....	2	6	Railw	ay op	era	ted &	rolli	ng s	toc	k ow	ne	d by	Tor	onto	Tr	Co	m.
Wentworth Incline Ry.	Ceased op	eration.																				

TABULATION OF COMPARISON WITH PREVIOUS YEARS AS TO CAR MILES RUN PASSENGERS CARRIED ETC.

For year Ending December 31st. 1936.

Name of Railway	Length of Track		Car Miles Run		Passengers Carried		Accidents				Net Earnings	
							Killed		Injured			
	Increase	Decrease	Increase	Decrease	Increase	Decrease	Increase	Decrease	Increase	Decrease	Increase	Decrease
Cornwall Street Railway			4,476			43.643					21,045.43	
Fort William Electric Railway				4,196		67,217			3			(b) 9,877.71
Hamilton Street Railway	7.77		110,213		1,146,949				18			†193,636.73
Huntsville & Lake of Bays Ry					123						220.52	
Hydro Electric Rys. (Guelph Div.)				529		866	1		2			(b) 3,746.69
International Transit Co				502	3,409				1			* 12,199.90
Kitchener-Waterloo Street Ry			562		121,237					2	(a) 3,531.36	
London Street Railway		13.88		11,683	206,167				16		(a) 2,954.70	
Mount McKay & Kakabeka Falls Ry			Line operated by City of Fort William under lease.									(b) 893.65
Niagara Peninsular Railway											2,425.39	
Port Arthur Civic Railway				3,980	3,800						(a) 5,230.49	
Sandwich Windsor & Amherstburg Ry.			63,272		162,714			4	7		a) 26,489.40	
Sudbury-Copper Cliff Suburban Ry.			350		308,774					2	11,989.73	
Thurlow Railway												3,539.50
Tillson Spur Line Railway			All rolling stock owned and operated by Canadian National Railway.									
Toronto Transportation Commission		4.640	188,256		1,766,253		1			59	683.14	
" " " North Yonge Ry.			300		26,124							(b) 2,626.16
" " " Twp. York Ry.			925		67,130			1	2		(a) 5,285.55	
Wentworth Incline Railway	Ceased operations.											

(a)—Decrease in deficit.

(b)—Increase in deficit.

*Dividend at 24% $36,000.00 paid in lieu of 7% $10,500.00 in previous year.

†$150,000.00 transferred to Depreciation Reserve in 1936 in lieu of $2,822.13 in previous year.

TABULATION OF OPERATING EXPENSES FOR YEAR ENDING DECEMBER 31st. 1936

Name of Railway	General Expenses	Maintenance of Roadbed and Buildings	Maintenance Equipment	Motive Power	Wages	Damages to persons and Property	Miscellaneous	Total
Cornwall Street Railway	$13,226.58	$ 6,005.43	$14,928.40	$10,468.57	$ 28,765.23	$ 522.90	$ 1,147.97	$ 75,065.08
Fort William Electric Railway	12,699.92	21,650.18	18,014.77	20,295.03	48,626.94	354.46	2,996.66	124,637.96
Hamilton Street Railway	56,164.84	50,855.83	106,981.64	156,557.52	238,053.35	26,928.07	218,916.51	856,457.76
Huntsville & Lake of Bays Ry	144.45	193 56	142.32	291.33	183.02	.....	34.00	988.68
Hydro Electric Rys. (Guelph Div.)	12,950.96	4,204.38	11,697.07	11,363.43	19,454.50	5.91	9,508.85	68,185.10
International Transit Co.	5,825.01	1,701.88	4,758.94	7,620.00	10,569.98	9.00	5,237.01	35,721.82
Kitchener-Waterloo Street Ry.	10,274.82	5,923.57	3,332.31	10,664.31	42,418.67	.....	3,739.63	76,353.31
London Street Railway	14,393.53	27,198.23	27,290.81	27,620.28	59,451.46	6,878.32	260,194.76	421,027.39
Mount McKay & Kakabeka Falls Ry.	1,059.83	.....	.....	.....	.....	.....	.....	1,059.83
Niagara Peninsular Railway	91.40	3,093.78	1,429.09	2,376.67	3,050.63	.....	.....	10,041.57
Port Arthur Civic Railway	7,982.14	12,071.05	17,215.21	19,999.92	33,038.63	.....	19,614.17	109,921.12
Sandwich Windsor & Amherstburg Ry.	73,136.79	50,360.72	81,947.51	94,639.64	173,490.37	123.54	41,104.46	514,803.03
Sudbury-Copper Cliff Suburban Ry.	13,060.21	8,746.32	6,878.33	13,115.84	22,857.45	.....	3,803.69	68,455.84
Thurlow Railway	91.40	4,550.59	4,665.17	428.79	2,153.10	.....	860.09	12,749.14
Tillson Spur Line Railway	All rolling st	ock owned an	d operated by	Canadian Na	tional Railway			
Toronto Transportation Commission	483,764.02	331,842.44	593,508.13	1,000,944.17	2,660,985.09	98,167.83	1,074,208.58	6,243,420.26
" " " North Yonge Ry.	7,373.10	7,830.80	7,240.21	18,065.89	.....	.....	33,019.71	73,529.71
" " " Twp. York Ry.	13,495.84	10,933.90	14,719.54	25,073.34	.....	.....	94,059.07	158,281.69
Wentworth Incline Railway	Ceased opera	tions	.....	.....	.....	.....	.....	.....

TABULATION OF CHARGES OTHER THAN OPERATIGN COSTS FOR YEAR ENDING DECEMBER 31st. 1936.

Name of Railways	Interest on Funded Debt.	Interest or Discount on Unfunded Debt.	Taxes	Transfer to Special Accounts	All Charges other than Operating Costs	Total Expenditure including Operating Costs	Total Expenditure excluding Operating Costs	Total Revenue from all sources	Net Deficit from Year's Operations	Net Surplus from Year's Operations
Cornwall Street Railway	$9,100.00		$2,274.92	$21,284.93	$32,840.64	(a) $86,621.41	(a) $11,555.71	$134,174.06		$20,268.34
Fort William Electric Railway		$41,330.00	199.34	18,160.64	59,689.98	(a) 166,167.39	(a) 41,529.34	118,782.64	65,545.30	
Hamilton Street Railway			27,231.26	156,257.45	183,488.71	(a) 881,689.02	(a) 27,231.26	1,005,859.85	**32,086.62	
Huntsville & Lake of Bays Railway			95.02		95.02	1,093.70	95.02	1,841.88		748.18
Hydro Electric Rys. (Guelph Radial)	26,700.00		246.61	8,009.00	33,803.71	(a) 95,140.71	(a) 34,955.61	60,089.55		41,899.26
International Transit			8,115.71	9,895.69	54,011.40	(a) 79,837.53	(a) 44,115.71	88,863.86	* 10,869.36	
Kitchener & Waterloo Street Railway	6,880.96		408.19	18,829.77	26,118.92	(a) 83,642.46	(a) 7,289.15	101,432.48	1,039.75	
London Street Railway	21,680.40		8,979.89	63,400.00	94, 60.29	(a) 451,687.68	(a) 30,660.29	495,842.30	19,245.38	
Mount McKay & Kakabeka Falls Ry.			394.23	21,194.15	21,588.38	(a) 1,454.06	(a) 394.23	1,841.96	– 20,806.25	
Niagara Peninsular Railway			33.25		33.25	10,074.82	10,041.57	12,517.50		2,442.68
Port Arthur Civic Railway	21,642.47		108.82	9,075.60	30,826.89	(a) 131,672.41	(a) 21,751.29	135,047.65	5,700.36	
Sandwich Windsor & Amherstburg Ry	242,371.22		2,400.00	163,697.42	409,221.94	(a) 760,327.55	(a) 244,771.22	576,993.01	347,031.96	
Sudbury-Copper Cliff Suburban Ry.	2,916.57	3,550.00	600.65	12,983.04	20,050.26	(a) 77,523.06	(a) 7,067.22	90,943.29		2,437.22
Thurlow Railway			26.71	6.13	26.71	(a) 12,775.85	(a) 26.71	12,400.00	381.98	
Tillson Spur Line Railway	All rolling stock owned & operated by Canadian National Railway.									
Toronto Transportation Commission	1,518,512.69		224,736.86	2,637,785.37	4,398,258.42	(a)8,021,116.81	(a)1,777,696.55	10,650,096.34		8,417.66
" " " North Yonge Railway			157.92		157.92	73,687.63	157.92	70,715.31	2,972.32	
" " " Township York Ry.		18,158.31	36,924.31	101,123.00	156,205.62	(a) 213,364.31	(a) 55,082.62	205,106.51	109,380.80	
Wentworth Incline Railway	Ceased operation.									

(a)—Does not include transfer to special accounts.

*—Dividends at rate of 24% ($36,000.00) paid in lieu of 7% ($10,500.00) in previous year.

**—Dividends amounting to $6,257.45 paid and $150,000.00 transferred to depreciation Account.

TABULATION OF ASSETS AND LIABILITIES AS OF DECEMBER 31st. 1936.

Name of Railway	Authorized Capital	ASSETS			LIABILITIES				
		Cost of Railway Equipment, Land & Buildings	Cash and other assets	Deficit	Capital Stock outstanding	Funded Debt. and Real Estate and Mortgages	Current Liabilities	Accrued Liabilities Sinking and other Special Funds	Surplus
Cornwall Street Railway	$200,000.00	$492,169.67	$ 24,869.22	.....	$200,000.00	$130,000.00	$2,548.99	116,667.70	$67,822.20
Fort William Electric Railway	.....	864,000.00	687,726.67	21,318.61	.....	864,000.00	.....	709,045.38	.....
Hamilton Street Railway	3,205,000.00	4,744,498.74	66,751.80	.....	3,205,000.00	599,168.96	.....	980,857.31	26,224.27
Huntsville & Lake of Bays Railway	50,000.00	31,331.20	10,749.63	.....	27,800.00	.....	2,021.18	11,511.47	748.18
Hydro Electric Railways (Guelph Radial)	.....	441,193.53	93,085.03	6,515.94	.....	340,742.02	7,838.34	192,214.14	.....
International Transit	150,000.00	627,403.85	16,797.04	.....	150,000.00	.....	4,668.49	307,554.52	181,977.88
Kitchener-Waterloo Street Railway	.....	513,844.37	27,617.77	18,051.50	.....	116,180.58	961.42	442,371.64	.....
London Street Railway	637,480.00	1,058,295.15	99,106.56	163,644 41	637,480.00	430,000.00	42,456.37	211,109.69	.....
Mount McKay & Kakabeka Falls Railway	500,000.00	83,310.78	67,643.52	273,200.47	386,300.00	.....	.....	37,854.77	.....
Niagara Peninsular Railway	200,000.00	55,550.88	111,580.24	.....	50,000.00	.....	.....	.....	117,131.12
Port Arthur Civic Railway	.....	552,858.34	451,710.98	4,222.66	.....	469,634.00	34,711.95	504,446.03	.....
Sandwich, Windsor & Amherstburg Railway	.....	5,483,479.32	3,210,330.22	67,068.57	6,816,205.00	.....	799,396.28	120,418.00	1,024,858.83
Sudbury-Copper Cliff Suburban Railway	250,000.00	359,660.80	2,956.32	49,031.53	173,100.00	109,000.00	12,256.06	117,292.59	.....
Thurlow Railway	50,000.00	58,211.42	.....	59,890.55	25,000.00	.....	93,101.97	.....	.....
Tillson Spur Line Railway	20,000.00	All rolling stock owned and operated by Canadian National Railway.							
Toronto Transportation Commission	.....	51,288,820.81	7,584,214.74	.....	.....	26,375,000.00	765,736.45	31,213,870.38	518,428.72
" " " North Yonge Railway	.....	All rolling stock etc. owned & operated by Toronto Transportation Commission.							
" " " Township of York Ry.	.....	1,393,256.10	640,716.36	109,380.80	.....	996,533.64	546,695.05	600,124.57	.....
Wentworth Incline Railway	Ceased operation.								

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RETURN FROM THE RECORDS

OF THE

BY-ELECTIONS

TO THE

LEGISLATIVE ASSEMBLY IN 1935-6

IN THE ELECTORAL DISTRICTS OF

NIPISSING AND HASTINGS EAST

Held on the Twenty-fifth day of February, and the Fourth day of March, 1935; and the Second and Ninth days of December, 1936.

SHOWING

(1) The number of Votes Polled for each Candidate in each Electoral District in which there was a contest;
(2) The majority whereby each successful Candidate was returned;
(3) The total number of Votes Polled;
(4) The number of Votes remaining Unpolled;
(5) The number of Names on the Polling Lists;
(6) The number of Ballot Papers sent out to each Polling Place;
(7) The Used Ballot Papers;
(8) The Unused Ballot Papers;
(9) The Rejected Ballot Papers;
(10) The Cancelled Ballot Papers;
(11) The Declined Ballot Papers; and
(12) The Ballot Papers taken from Polling Places;
(13) Total number of printed Ballots not distributed to D.R.O.'s.
(14) Total number of ballot papers printed.

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 25, 1937

ONTARIO

TORONTO
Printed and Published by the Printer to the King's Most Excellent Majesty
1937

The Honourable Arthur W. Roebuck,

Attorney-General.

Sir:

I have the honour to present to you the Return of the By-Elections as held in the Electoral Districts of Nipissing and Hastings East in the years 1935 and 1936.

Respectfully submitted,

C. F. BULMER,
The Clerk of the Crown in Chancery.

Parliament Buildings,
Toronto, January 7th, 1937.

To The Honourable

The Lieutenant-Governor of the Province of Ontario.

May It Please Your Honour:

The undersigned has the honour to present to Your Honour the Return of the By-Elections as held in the Electoral Districts of Nipissing and Hastings East in the years 1935 and 1936.

Respectfully submitted,
ARTHUR W. ROEBUCK
Attorney-General.

Department of the Attorney-General,
January 7th, 1937.

RETURN FROM THE RECORDS OF THE BY-ELECTIONS TO THE LEGISLATIVE ASSEMBLY IN THE DISTRICTS OF:

NIPISSING—Held on the 25th day of February and the 4th day of March, 1935.

HASTINGS EAST—Held on the 2nd and 9th days of December, 1936.

Constituency	Seat Vacated by the	Date
Nipissing	Death of Member	January 17th, 1935
Hastings East	Death of Member	October 15th, 1936.

RETURNING OFFICERS

Constituency	Name	Post Office
Nipissing	Wilfrid Aubry	North Bay
Hastings East	Delbert Floyd Ashley	Foxboro

STATEMENT OF VOTES POLLED: Number of Polling Booths and Number of Names on Voters' Lists

Constituency	No. of Polling Booths	No. of Votes Polled	No. of Names on Voters' Lists
Nipissing	129	14,947	24,963
Hastings East	84	13,100	15,319

SUMMARY OF VOTES CAST: Showing the number of votes polled for each candidate and the majority accorded to the one elected where there was a contest.

Constituency	Candidates	No. of Votes Polled	Remarks
Nipissing	J. Henri Marceau	10,877	
	Edward John Lawrence	4,070	
	Majority for Marceau	6,807	
Hastings East	Harold Edward Welsh	7,118	
	Harold Austin Boyce	5,982	
	Majority for Welsh	1,136	

LIST OF CANDIDATES

NIPISSING: Joseph Henri Marceau, 241 First Avenue West, North Bay, General Contractor and Lumberman (10,877);

Edward John Lawrence, Widdifield Township, P.O. Address, North Bay (4,070).

HASTINGS EAST: Harold Edward Welsh, Roslin P.O., Physician (7,118);
Harold Austin Boyce, Deseronto, Physician (5,982).

STATEMENT BY RETURNING OFFICER RESPECTING VOTES POLLED AND BALLOT PAPERS USED AT THE POLLING PLACES OF THE ELECTORAL DISTRICT OF NIPISSING AT THE ELECTION HELD ON THE 4TH DAY OF MARCH, 1935

Electoral District	Numbers of Polling Places	Names of Candidates and Number of Votes Polled for each		Voters at each Polling Place			Ballot Papers sent out and how disposed of in each Polling Place						
				Total Number of Votes Polled	Number of Votes remaining Unpolled.	Number of Names on the Polling Lists.	Number of Ballot Papers sent out to each Polling Place.	Used Ballot Papers.	Unused Ballot Papers.	Rejected Ballot Papers.	Cancelled Ballot Papers.	Declined Ballot Papers.	Ballot Papers taken from Polling Places.
		Ed. J. Lawrence	J. H. Marceau										
Nipissing	North Bay No. 1-A	92	74	166	116	282	300	166	132	1	1	....	....
	" " " 1-B	95	71	166	84	250	250	166	82	2	....	....	....
	" " " 2-A	46	88	134	137	271	300	134	165	1	....	....	....
	" " " 2-B	63	103	166	124	290	300	166	132	2	....	....	....
	" " " 3-A	90	138	228	157	385	400	228	171	....	1	....	....
	" " " 3-B	86	139	225	139	364	375	225	145	....	5	....	....
	" " " 4-A	72	78	150	163	313	325	150	171	3	1	....	....
	" " " 4-B	72	79	151	94	245	250	151	97	2	....	....	....
	" " " 5-A	44	74	118	96	214	225	118	105	1	1	....	....
	" " " 5-B	45	60	105	75	180	200	105	92	2	1	....	....
	" " " 6-A	103	98	201	114	315	325	201	120	3	1	....	....
	" " " 6-B	92	108	200	128	328	325	200	124	1	....	....	....
	" " " 7-A	109	92	201	163	364	375	201	174	....	....	....	....
	" " " 7-B	97	56	153	101	254	250	153	97	....	....	....	....
	" " " 8-A	155	66	221	127	348	350	221	127	1	....	....	1
	" " " 8-B	168	77	245	122	367	375	245	130	....	....	....	....
	" " " 9-A	122	84	206	85	291	300	206	92	2	....	....	....
	" " " 9-B	111	76	187	92	279	300	187	111	1	1	....	....
	" " " 10-A	125	106	231	88	319	325	231	94	....	....	....	....
	" " " 10-B	138	99	237	101	338	350	237	112	....	1	....	....
	" " " 10-C	101	68	169	81	250	250	169	80	1	....	....	....
	" " " 11-A	118	137	255	122	377	400	255	144	1	....	....	....
	" " " 11-B	118	112	230	117	347	350	230	119	1	....	....	....
	" " " 12-A	106	111	217	86	303	300	217	80	3	....	....	....

W. AUBRY,
Returning Officer.

STATEMENT BY RETURNING OFFICER RESPECTING VOTES POLLED AND BALLOT PAPERS USED AT THE POLLING PLACES OF THE ELECTORAL DISTRICT OF NIPISSING AT THE ELECTION HELD ON THE 4TH DAY OF MARCH, 1935—*Continued*

Electoral District	Numbers of Polling Places	Names of Candidates and Number of Votes Polled for each		Voters at each Polling Place			Ballot Papers sent out and how disposed of in each Polling Place						
				Total Number of Votes Polled	Number of Votes remaining Unpolled.	Number of Names on the Polling Lists.	Number of Ballot Papers sent out to each Polling Place.	Used Ballot Papers.	Unused Ballot Papers.	Rejected Ballot Papers.	Cancelled Ballot Papers.	Declined Ballot Papers.	Ballot Papers taken from Polling Places.
		Ed. J. Lawrence	J. H. Marceau										
Nipissing—*Con*....	North Bay.....No. 12-B	88	49	137	69	206	225	137	85	3	....	....	....
	" " ..... " 13-A	118	131	249	107	356	375	249	124	2	....	....	....
	" " ..... " 13-B	117	82	199	91	290	300	199	100	1	....	....	....
	Sturgeon Falls..... " 14	17	149	166	154	320	350	166	183	1	....	....	....
	" " ..... " 14-A	14	241	255	167	422	450	255	193	....	....	2	....
	" " ..... " 15	41	163	204	172	376	400	204	195	....	1	....	....
	" " ..... " 15-A	36	86	122	118	240	275	122	153	....	....	....	....
	" " ..... " 15-B	22	85	107	110	217	250	107	143	....	....	....	....
	" " ..... " 16	36	84	120	96	216	250	120	129	1	....	....	....
	" " ..... " 16-A	23	129	152	140	292	325	152	173	....	....	....	....
	Mattawa..... " 17	3	171	174	107	281	300	174	125	1	....	....	....
	" ..... " 18	12	117	129	71	200	225	129	96	....	....	....	....
	" ..... " 19	11	113	124	71	195	225	124	98	....	3	....	....
	" ..... " 20	7	166	173	68	241	275	173	102	....	....	....	....
	Bonfield..... " 21	8	173	181	53	234	250	181	67	2	....	....	....
	Sturgeon Falls..... " 22	20	200	220	242	462	500	220	280	....	....	....	....
	Cache Bay..... " 23	2	118	120	100	220	250	120	130	....	....	....	....
	" " ..... " 24	12	173	185	99	284	300	185	114	1	....	....	....
	" " ..... " 25	26	145	171	78	249	275	171	104	....	....	....	....
	Verner..... " 26	3	320	323	103	426	450	323	127	....	....	....	....
	" ..... " 26-A	2	169	171	83	254	275	171	104	....	....	....	....
	" ..... " 26-B	2	45	47	634	681	700	47	653	....	....	....	....
	Warren..... " 27	10	118	128	77	205	225	128	95	2	....	....	....
	" ..... " 27-A	14	163	177	108	285	300	177	123	....	....	....	....

Dunnett's Corner	" 27-B	1	71	72	61	133	150	72	78					
St. Charles	" 28	24	151	175	127	302	350	175	175					
"	" 28-A	8	71	79	79	158	200	79	119		2			
Field	" 29	9	222	231	111	342	375	231	142	2				
Crystal Falls	" 29-A	2	56	58	25	83	100	58	42					
Noelville	" 30	3	235	238	139	377	425	238	182	5				
Chartrand's Corner	" 31	6	185	191	122	313	350	191	156	3				
Trout Mills	" 32	65	55	120	63	183	200	120	80					
Widdifield Township	" 33	6	127	133	25	158	175	133	42					
" "	" 34	46	47	93	34	127	150	93	56		1			
Feronia	" 35	21	32	53	109	162	200	53	147					
Widdifield Station	" 36	10	27	37	21	58	75	37	38					
Carmichael's Corner	" 37	43	36	79	12	91	125	79	43	3				
Nipissing Junction	" 38	32	54	86	33	119	150	86	63			1		
West Ferris	" 39	155	99	254	193	447	500	254	245	1				
East Ferris	" 40	4	106	110	13	123	150	110	39	1				
Astorville	" 41	7	124	131	25	156	175	131	43		1			
Nosbonsing	" 42	1	82	83	23	106	125	83	39	2	1			
Corbeil	" 43	11	174	185	50	235	275	185	90					
Bonfield	" 44	6	162	168	147	315	350	168	179		3			
Rutherglen	" 45	31	37	68	258	326	350	68	280	1		1		
Grand Desert	" 46	1	66	67	64	131	150	67	82	1				
Rutherglen	" 47	3	21	24	9	33	50	24	26					
"	" 48	2	8	10	25	35	50	10	40					
Anderson's Corner	" 49	19	77	96	255	351	400	96	304					
Cheswick	" 50	4	126	130	48	178	200	130	70					
St. Jean's Corner	" 51	1	128	129	35	164	200	129	67	4				
Township of Mattawan	" 52	4	59	63	48	111	125	63	62					
Township of Papineau	" 53	13	122	135	217	352	400	135	263	2				
Calvin	" 54	49	102	151	164	315	350	151	198	1				
MacPherson	" 55	7	121	128	37	165	200	128	72					
Lavigne	" 56	3	141	144	38	182	200	144	55		1			
Township of Kirkpatrick	" 57	3	36	39	38	77	100	39	61					
" "	" 58	0	40	40	12	52	75	40	35					
" "	" 59	2	23	25	14	39	50	25	23		2			
" "	" 60	1	32	33	29	62	75	33	41		1			
Field Village	" 61	1	64	65	46	111	125	65	60					
Desaulnier	" 62	2	79	81	43	124	150	81	66	2	1			
River Valley	" 63	7	111	118	70	188	200	118	80		2			
Kipling	" 64	3	40	43	66	109	125	43	81	1				
Laprairieville	" 65	1	39	40	28	68	100	40	59	1				
Martin River	" 66	17	156	173		165	200	173	27					
Pardo Township	" 67	...	24	24	22	46	75	24	51					
McCallum	" 68	2	34	36	22	58	100	36	64					
"	" 69	3	21	24	9	33	75	24	51					

STATEMENT BY RETURNING OFFICER RESPECTING VOTES POLLED AND BALLOT PAPERS USED AT THE POLLING PLACES OF THE ELECTORAL DISTRICT OF NIPISSING AT THE ELECTION HELD ON THE 4TH DAY OF MARCH, 1935—*Continued*

Electoral District	Numbers of Polling Places	Names of Candidates and Number of Votes Polled for each		Voters at each Polling Place			Ballot Papers sent out and how disposed of in each Polling Place						
				Total Number of Votes Polled	Number of Votes remaining Unpolled.	Number of Names on the Polling Lists.	Number of Ballot Papers sent out to each Polling Place.	Used Ballot Papers.	Unused Ballot Papers.	Rejected Ballot Papers.	Cancelled Ballot Papers.	Declined Ballot Papers.	Ballot Papers taken from Polling Places.
		Ed. J. Lawrence	J. H. Marceau										
Nipissing—*Con*....	McCallum.....No. 70	1	27	28	10	38	75	28	47	....	....	....	....
	Chudleigh..... " 71	3	13	16	63	79	100	16	84	....	....	....	....
	Hugel..... " 72	7	8	15	22	37	50	15	34	....	1	....	....
	Warren..... " 73	12	73	85	72	157	200	85	114	....	1	....	....
	Crystal Falls..... " 74	3	57	60	48	108	125	60	65	....	....	....	....
	Sturgeon Falls..... " 75	...	14	14	14	28	50	14	36	....	....	....	....
	Merrick Township..... " 76	3	41	44	1	45	75	44	30	1	....	....	....
	Scollard Township..... " 77	2	60	62	24	86	75	62	13	....	....	....	....
	Mercer's Corner..... " 78	11	60	71	78	149	175	71	102	2	....	....	....
	Cherriman..... " 79	2	22	24	20	44	75	24	51	....	....	....	....
	Delamere..... " 80	15	120	135	89	224	250	135	114	....	1	....	....
	Bigwood..... " 81	18	73	91	38	129	150	91	58	....	1	....	....
	Delamere..... " 82	...	63	63	14	77	100	63	34	3	....	....	....
	Burwash Township..... " 83	18	110	128	65	193	225	128	96	1	....	....	....
	" " ..... " 84	13	68	81	89	170	200	81	114	5	....	....	....
	Mileage 19¼, T. & N.O. Ry. " 86	4	12	16	5	21	50	16	34	....	....	....	....
	Township of French..... " 87	13	68	81	53	134	150	81	68	1	....	....	....
	Tomiko..... " 88	8	4	12	22	34	50	12	38	....	....	....	....
	Temiskaming..... " 89	2	17	19	11	30	50	19	31	....	....	....	....
	Township of Phelps..... " 90	22	58	80	79	159	175	80	95	....	....	....	....
	" " ..... " 91	4	31	35	68	103	125	35	89	1	....	....	....
	" " ..... " 92	12	54	66	14	80	100	66	33	1	....	....	....
	Grand Desert..... " 93	...	11	11	2	13	25	11	14	....	....	....	....
	Daventry..... " 94	...	6	6	11	17	25	6	19	....	....	....	....

Fossmill	" 95	4	60	64	28	92	125	64	60	1	....	....	....
Township of Ballantyne	" 96	18	27	45	20	65	100	45	53	2	....	....	....
" "	" 97	34	25	59	10	69	100	59	38	3	....	....	....
Brule Lake	" 98	3	22	25	26	51	75	25	50	....	....	....	....
Canoe Lake	" 99	2	11	13	22	35	50	13	37	....	....	....	....
Algonquin Park	" 100	11	11	22	7	29	50	22	28	....	....	....	....
Township of Peck	" 101	25	49	74	20	94	125	74	49	2	....	....	....
" "	" 102	7	61	68	17	85	100	68	32	....	....	....	....
" "	" 103	19	65	84	27	111	150	84	66	....	....	....	....
Lake of Two Rivers	" 104	16	13	29	96	125	150	29	121	....	....	....	....
Advance, North Bay	" 1	107	52	159	.....	159	200	159	39	....	2	....	....
Advance, Mattawa	" 2	...	4	4	.....	4	25	4	21	....	....	....	....
Totals		4,070	10,877	14,947	10,024	24,963	27,900	14,947	12,815	95	38	4	1
Majority for J. H. Marceau			6,807										

Total number of printed ballots not distributed to D.R.O.'s: 1,490.
Total number of ballot paper printed: 29,390.

STATEMENT BY RETURNING OFFICER RESPECTING VOTES POLLED AND BALLOT PAPERS USED AT THE POLLING PLACES OF THE ELECTORAL DISTRICT OF HASTINGS EAST AT THE ELECTION HELD ON THE 9TH DAY OF DECEMBER, 1936

Electoral District	Numbers of Polling Places	Names of Candidates and Number of Votes Polled for each		Voters at each Polling Place			Ballot Papers sent out and how disposed of in each Polling Place						
				Total Number of Votes Polled	Number of Votes remaining Unpolled.	Number of Names on the Polling Lists.	Number of Ballot Papers sent out to each Polling Place.	Used Ballot Papers.	Unused Ballot Papers.	Rejected Ballot Papers.	Cancelled Ballot Papers.	Declined Ballot Papers.	Ballot Papers taken from Polling Places.
		H. A. Boyce	H. E. Welsh										
Hastings East..... D. G. Ashley, Returning Officer.	TYENDINAGA—												
	Shannonville.....No. 1	75	157	235	54	289	350	235	115	3	....	....	....
	Melrose..... " 2 A	47	100	150	14	164	200	150	50	2	....	1	....
	" ..... " 2 B	72	78	151	16	167	200	151	49	1	....	....	....
	Lonsdale..... " 3	158	94	254	23	277	350	254	96	1	....	1	....
	Moult's..... " 4	69	146	216	31	247	301	216	85	1	....	....	....
	Black's..... " 5	92	67	162	23	185	225	162	63	2	....	1	....
	Maryville..... " 6	136	85	223	21	244	300	223	77	1	1	....	....
	Hambley's..... " 7	173	22	200	33	233	300	200	100	4	....	1	....
	Reserve..... " 8	33	37	75	.....	46	75	.....	.....	1	1	3	....
	DESERONTO—												
	Centre Ward..... " 1	48	30	79	14	93	125	79	46	1	....	....	....
	" " ..... " 2	47	40	87	19	106	125	87	38	....	....	....	....
	East Ward..... " 1	33	42	76	10	86	100	76	24	1	....	....	....
	" " ..... " 2	42	64	108	18	126	150	108	42	1	1	....	....
	West Ward..... " 1	95	105	203	40	243	300	203	97	3	....	....	....
	" " ..... " 2	55	35	92	11	103	125	92	33	2	....	....	....
	" " ..... " 3	88	53	146	12	158	200	146	54	5	....	....	....
	THURLOW												
	Point Anne..... " 1 A	83	95	183	33	216	275	183	92	5	....	....	....
	" " ..... " 1 B	111	74	186	32	218	275	186	89	1	....	....	....
	First Concession..... " 2 A	57	77	134	25	159	200	134	66	....	....	....	....
	" " ..... " 2 B	74	77	156	23	179	225	156	69	5	....	....	....
	Second Concession..... " 3	54	72	130	21	151	200	130	70	4	....	....	....

Donovan's	"	4	104	147	254	48	302	375	254	121	3	....	....	....
College Hill	"	5 A	68	122	190	40	230	300	190	110	....	....	....	....
" "	"	5 B	68	96	166	28	194	250	166	84	....	1	1	....
Cannifton	"	6 A	61	75	136	26	162	200	136	64	....	....	....	....
"	"	6 B	51	89	141	20	161	200	141	59	....	1	....	....
Corbyville	"	7 A	39	70	109	23	132	175	109	66	....	....	....	....
"	"	7 B	54	94	148	25	173	225	148	77	....	....	....	....
Foxboro	"	8 A	31	95	128	21	149	200	128	72	2	....	....	....
"	"	8 B	56	70	127	28	155	200	127	73	....	1	....	....
Zion Hill	"	9	65	117	184	31	215	275	184	91	1	1	....	....
Plainfield	"	10	52	202	257	52	309	375	257	118	3	....	....	....
HUNTINGDON—														
Moira	"	1 A	27	132	159	24	183	225	159	66	....	....	....	....
"	"	1 B	23	106	130	21	151	200	130	70	1	....	....	....
West Huntingdon	"	2	39	120	160	42	202	250	160	90	1	....	....	....
Ivanhoe	"	3	68	104	172	30	202	250	172	78	....	....	....	....
White Lake	"	4	65	134	202	49	251	300	202	98	3	....	....	....
Moira Lake	"	5	83	49	134	52	186	225	134	91	2	....	....	....
HUNGERFORD—														
Thomasburg	"	1	44	135	181	15	196	250	181	69	2	....	....	....
Chapman	"	2	63	118	182	14	196	250	182	68	1	....	....	....
Victoria	"	3 A	69	47	118	18	136	175	118	57	2	....	....	....
"	"	3 B	128	47	176	29	205	250	176	74	1	....	....	....
Marlbank	"	4 A	69	79	150	20	170	225	150	75	2	....	....	....
"	"	4 B	45	81	128	21	149	175	128	47	1	....	1	....
Bogart	"	5	145	7	155	12	167	200	155	45	3	....	....	....
Stoco	"	6	202	20	227	21	248	301	227	74	5	....	....	....
Gaffney	"	7	39	8	47	5	52	75	47	28	....	....	....	....
Moneymore	"	8	9	64	74	3	77	100	74	26	1	....	....	....
Sulphide	"	9	110	148	263	17	280	350	263	87	5	....	....	....
TWEED—														
Breen's House	"	1	74	163	240	2	242	301	240	61	....	3	....	....
Quinn's Store	"	2 A	55	80	137	14	151	200	137	63	2	....	....	....
" "	"	2 B	69	81	150	14	164	200	150	50	....	....	....	....
La Chappelle House	"	3	161	74	239	35	274	350	239	111	4	....	....	....
ELZEVIR AND GRIMSTHORPE—														
Actinolite	"	1	116	134	252	21	273	350	252	98	2	....	....	....
Queensboro	"	2	93	130	223	24	247	300	223	77	....	....	....	....
Johnston's Corners	"	3	47	28	75	8	83	100	75	25	....	....	....	....
MADOC TOWNSHIP—														
Riggs	"	1	111	105	216	27	243	300	216	84	....	....	....	....
Remington	"	2 A	68	72	141	15	156	200	141	59	1	....	....	....
"	"	2 B	55	107	164	13	177	225	164	61	2	....	....	....
Eldorado	"	3 A	53	122	175	60	235	300	175	125	....	....	....	....
"	"	3 B	59	125	185	53	238	300	185	115	1	....	....	....

STATEMENT BY RETURNING OFFICER RESPECTING VOTES POLLED AND BALLOT PAPERS USED AT THE POLLING PLACES OF THE ELECTORAL DISTRICT OF HASTINGS EAST AT THE ELECTION HELD ON THE 9TH DAY OF DECEMBER, 1936—*Continued*

Electoral District	Numbers of Polling Places	Names of Candidates and Number of Votes Polled for each		Voters at each Polling Place			Ballot Papers sent out and how disposed of in each Polling Place						
				Total Number of Votes Polled	Number of Votes remaining Unpolled.	Number of Names on the Polling Lists.	Number of Ballot Papers sent out to each Polling Place.	Used Ballot Papers.	Unused Ballot Papers.	Rejected Ballot Papers.	Cancelled Ballot Papers.	Declined Ballot Papers.	Ballot Papers taken from Polling Places.
Hastings East.....	MADOC TOWNSHIP	H. A. Boyce	H. E. Welsh										
	O'Hara's.....No. 4	81	135	217	37	254	325	217	108	1	....	....	....
	MADOC VILLAGE—												
	Town Hall..... " 1 A	71	87	160	17	177	226	160	66	....	2	....	....
	" " ..... " 1 B	59	78	137	16	153	200	137	63	....	....	....	....
	O'Riordon's Store..... " 2 A	104	95	200	44	244	300	200	100	1	....	....	....
	" " ..... " 2 B	100	78	180	39	219	275	180	95	2	....	....	....
	TUDOR AND CASHELL												
	Millbridge..... " 1	105	88	195	40	235	300	195	105	2	....	....	....
	Gilmour..... " 2	22	59	83	19	102	125	83	42	....	2	....	....
	Gunter..... " 3	25	80	106	11	117	150	106	44	1	....	....	....
	LIMERICK—												
	St. Ola..... " 1	47	88	135	23	158	200	135	65	....	....	....	....
	Ormsby..... " 2	56	29	85	13	98	125	85	40	....	....	....	....
	DUNGANNON—												
	Detlor..... " 1	110	131	242	32	274	350	242	108	1	....	....	....
	Bronson..... " 2	52	87	142	....	131	175	142	33	3	....	....	....
	MAYO—												
	Hermon..... " 1	132	128	261	38	299	375	261	114	1	....	....	....
	MONTEAGLE—												
	Maynooth..... " 1	93	61	158	12	170	225	158	67	2	2	....	....
	Bird's Creek..... " 2	18	41	62	2	64	100	62	38	....	1	2	....
	Monteagle Valley..... " 3	49	130	183	112	295	375	183	192	2	2	....	....
	Musclow..... " 4	35	80	115	36	151	200	115	85	....	....	....	....

CARLOW—												
Fort Stewart	" 1	78	98	178	28	206	250	178	72	1	1	
New Carlow	" 2	48	23	73	9	82	100	73	27	1	1	
Craigmont	" 3	9	9	19	2	21	50	19	31	1		
WICKLOW AND BANGOR—												
Maynooth	" 1	80	125	207	30	237	300	207	93	2		
Purdy's	" 2	118	35	155	55	210	275	155	120	2		
ADVANCE POLL		10	6	16		16	75	16	59			
Totals		5,982	7,118	13,250	2,109	15,319	19,379	13,250	6,129	115	22	13
Majority for H. E. Welsh			1,136									

Total number of printed ballots not distributed to D.R.O.'s.: 625.
Total number of ballot paper printed: 20,004.

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